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A literature-based review of Hymenoptera Parasitica and Chrysidoidea from Reunion Island

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Abstract

A review of the genera and species of Hymenoptera Parasitica and Chrysidoidea reported so far from Reunion Island is provided with host information. Data presented here is based on a review of the existing literature by the authors. The list includes: (1) 156 species of Ichneumonoidea belonging to 65 genera and 25 subfamilies (Braconidae: Agathidinae, Alysiinae, Aphidiinae, Braconinae, Charmontinae, Cheloninae, Doryctinae, Euphorinae, Gnamptodontinae, Microgastrinae, Opiinae; Ichneumonidae: Banchinae, Campopleginae, Cremastinae, Cryptinae, Diplazontinae, Ichneumoninae, Mesochorinae, Metopiinae, Ophioninae, Orthocentrinae, Pimplinae, Tersilochinae, Tryphoninae); (2) 121 species of Chalcidoidea belonging to 56 genera and 8 families (Agaonidae, Aphelinidae, Chalcididae, Encyrtidae, Eulophidae, Eupelmidae, Eurytomidae, Ormyridae, Pteromalidae, Signophoridae, Torymidae and Trichogrammatidae); (3) seven species of Cynipoidea (family Figitidae); (4) six species of Chrysidoidea in three families (Bethylidae, Chrysididae, Dryinidae); (5) five species of Platygastroidea (families Platygastridae and Scelionidae); (6) five species of Diaprioidea (family Diapriidae); (7) four species of Ceraphronoidae (families Ceraphronidae and Megaspilidae); and (8) two species of Evanioidea (family Evaniidae). This review records a total of 306 species.

Keywords

Hymenoptera, checklist, Chalcidoidea, Ichneumonoidea, Diaprioidea, Cynipoidea, Evanioidea, Chrysidoidea, Ceraphronoidea, Platygastroidea, Reunion Island

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Introduction

The parasitoids of the Hymenoptera Apocrita form one of the most species-rich groups of animals, potentially representing more than 20% of the world's insects (LaSalle and Gauld 1992). Furthermore, they play an important role in the regulation of insect pests and many of them are used in biological control programs all over the world. The failures and successes of their use in biocontrol have been extensively reviewed (e.g. DeBach 1964, Funasaki et al. 1988, DeBach and Rosen 1991, van Driesche and Bellows 1996, Smith 1996, Solomon et al. 2001).

To date, the diversity of Hymenoptera in La Réunion has been partially studied. There have been some studies on the hymenopteran diversity around 1950. Risbec (1957) and Benoit (1957) reviewed the Chalcidoidea/Proctotrupoidea and the Ichneumonoidea, respectively. To our knowledge, after 1957 almost nothing was published on the hymenopteran diversity of Reunion Island (only Wiebes 1981 on the figwasps) untill 2001 when Vayssière et al. published a review of the pests and their natural enemies on several crops of the island. Two years later, this work was followed and updated by the publication of a book (Quilici et al. 2003). At this time, taxonomic work on Parasitica was far from exhaustive because it only dealt with parasitoids associated with important pests. In fact, a lot of work has been done to combat key pests such as Tephritid flies (Diptera: Tephritidae) in mango and cucurbit fruits. Nevertheless, the taxonomic review of the fauna from Reunion Island has been conducted for a few groups. Rousse and Villemant (2012) reviewed the Ichneumonidae and provided a key to species of the Island with 15 species new to science. Some subfamilies of Braconidae (Ichneumonoidea) have been reviewed: Madl (2007, Agathidinae), Fischer and Madl (2008, Opiinae), Rousse and Braet (2012, Euphorinae), Braet et al. (2012, Cheloninae), Rousse and Gupta (2013, Microgastrinae). Madl and van Achterberg (2014) published a catalogue of the Braconidae of Malagasy subregion, including Reunion Island. Fischer (2014) published an important paper on Alysiinae and Opiinae (Braconidae) with 12 species new to science. Until to now the study of Ichneumonoidea has added more than 140 species to the list of Benoit (1957).

Superfamilies other than the Ichneumonoidea were less studied. For example, the Chalcidoidea may have a diversity similar to or higher than that of the Ichneumonoidea. In fact, there are a lot of unpublished data from the work of Marc Attié (2001–2004). The material collected during his work is now at the CBGP in Montpellier (France).

By reviewing the published data, this work provides a first list of all the Hymenoptera Parasitica of Reunion Island and the superfamily Chrysidoidea (belonging to the Hymenoptera Aculeata). We think this work will be a valuable tool for future inventories or work on biological control. Indeed, this work allows the detection of new indigenous natural enemies (e.g. *Pristomerus river*, Ichneumonidae, parasitoid of *Prophantis smaragdina*, Lepidoptera) and invasive hyperparasitoid or parasitoid of predators (e.g. *Homalotylus eytelweinii*, Encyrtidae, a parasitoid of *Rodolia chermesina*, Coccinellidae).

Arrangement of the checklist

In this review, superfamilies are treated according to their importance, the most diverse (Ichneumonoidea) presented first. Genera known so far from Reunion Island are grouped according to subfamilies, and family affiliation. For convenience, families, subfamilies, genera and species are listed in alphabetical order. Genera and species names are followed by the names of the author(s) and year of first description, then by the reference of the record and, when available, host data.

The review includes three tables summarizing (1) the Ichneumonoidea, (2) the Chalcidoidea, (3) the records for the other superfamilies, each with general host information.

Discussion

The present work is a literature-based review. Therefore, users should be aware that it might contain some mistakes present in the original literature. However, all references are listed so that the records can be validated.

This review lists 306 species of parasitoid Hymenoptera recorded from the island belonging to eight superfamilies. Of the species and genera reported from the island, at least 1 genus and 14 species of Ichneumonidae (Rousse and Villemant 2012), and 1 genus and 25 species of Braconidae (Madl 2007, Rousse and Braet 2012, Rousse and Gupta 2013), may be endemic as they currently only are recorded from Reunion Island. On the other hand, several species are now cosmopolitan in distribution due to their widespread use as biocontrol agents.

When compared with other geographical regions of the world, the study of hymenopteran parasitoid diversity in Reunion Island is still preliminary. Many new taxa will probably be found from the region in the future, and thus this checklist will need to be periodically updated.

Checklist of Hymenoptera Parasitica and Chrysidoidea from Reunion Island

Superfamily: ICHNEUMONOIDEA
Family: BRACONIDAE
Subfamily: Agathidinae

Genus: *Biroia* Szépligeti, 1900
Biroia costata (Brullé, 1846)
Recorded from: Granger 1949
Host information: Unknown

Genus: *Camptothlipsis* Enderlein, 1920
Camptothlipsis curticornis Granger, 1949
Recorded from: Quilici et al. 2003
Host information: *Nephopterix beharella* (Lepidoptera, Pyralidae) (Quilici et al. 2003, Madl 2007)

Genus: *Coccygidium* de Saussure, 1890
Coccygidium lutea (Brullé, 1846)
Recorded from: Szépligeti 1904
Host information: *Condica conducta*, *Mythimna curvula*, *Mythimna loreyi* (Lepidoptera, Noctuidae) (Madl 2007)

Subfamily: Alysiinae

Genus: *Adelphenaldis* Fischer, 2003
Adelphenaldis grimmorum Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown

Adelphenaldis nanocorpus Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown

Genus: *Aphaereta* Förster, 1863
Aphaereta sp.
Recorded from: Quilici et al. 2003
Host information: Diptera Cyclorrhapha (Gauld and Bolton 1988)

Genus: *Asobara* Förster, 1863
Asobara diadegmae Fischer, 2014
Recorded from: Fischer 2014
Host information: Hyperparasitoid of *Diadegma* sp. (ex *Plutella xylostella*, Lepidoptera) (Fischer 2014)

Genus: *Cratospila* Förster, 1863
Cratospila sinenotaulis Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown

Genus: *Dacnusa* Haliday, 1833
Dacnusa sibirica Telenga, 1934
Recorded from: Vayssières et al. 2001
Host information: *Liriomyza* spp. (Diptera, Agromyzidae) (Vayssières et al. 2001)

Dacnusa sp.
Recorded from: Vayssières et al. 2001
Host information: Unknown, but *Dacnusa* spp. are parasitoids of *Liriomyza* spp. (Diptera, Agromyzidae) (Vayssières et al. 2001)

Genus: *Dinotrema* Förster, 1863
Dinotrema candidiapex Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown

Genus: *Synaldis* Förster, 1863
Synaldis dugainensis Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown

Synaldis robusticeps Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown

Subfamily: Aphidiinae

Genus: *Aphidius* Nees, 1818
Aphidius camerunensis Mackauer, 1966
Recorded from: Stary et al. 1994
Host information: *Sitobion* spp. (Hemiptera, Aphididae) (Todorov 2009)

Aphidius colemani Viereck, 1912
Recorded from: Vayssières et al. 2001
Host information: Hemiptera, Aphididae, Genera: *Aphis*, *Aulacorthum*, *Brachycaudus*, *Brevicorinae*, *Capitophorus*, *Dysaphis*, *Hialopterus*, *Hayhurstia*, *Hyadaphis*, *Hypermizus*, *Macrosiphon*, *Melanaphis*, *Micromizus*, *Mizodes*, *Mizus*, *Pterocoma*, *Rhopalosiphum*, *Schizaphis*, *Thelaxis*, *Toxoptera* (Todorov 2009)

Aphidius rosae Haliday, 1833
Recorded from: Starý et al. 1977
Host information: *Macrosiphum rosae*, *Sitobion fragariae* (Hemiptera, Aphididae) (Mackauer and Stary 1967, Stary 1973)

Aphidius seyrigi Granger, 1949
Recorded from: Benoit 1957
Host information: Hemiptera, Aphididae

Genus: *Diaeretiella* Starý, 1960
Diaeretiella rapae (McIntosh, 1855)
Recorded from: Quilici et al. 1988
Host information: *Myzus persicae*, *Brevicoryne brassicae*, *Lipaphis erysimi* on cabbage, cauliflower, mustard, etc. *Aphis craccivora*, *Aphis fabae*, *Aphis gossypii*, *Brachycaudus helichrysi*, *Hysteroneura setariae*, and *Schizaphis graminum* (Hemiptera, Aphididae) (Raychaudhuri 1990)

Genus: *Praon* Haliday, 1833
Praon sp.
Recorded from: Vayssières et al. 2001
Host information: *Aphis* sp. (Vayssières et al. 2001) *Uroleucon sonchi*, *Hyperomyzus lactucae*, *Nasonovia ribisnigri*, *Macrosiphum euphorbiae* (Madl and van Achterberg 2014) (Hemiptera, Aphididae)

Subfamily: Braconinae

Genus: *Bracon* Fabricius, 1804
Bracon (*Habrobracon*) *hebetor* (Say, 1836)
Recorded from: Quilici et al. 2003
Host information: *Maruca vitrata* or *Maruca testulalis* (Lepidoptera, Crambidae), *Lampides boeticus* (Lepidoptera, Lycaenidae), *Corcyra cephalonica*, *Etiella zinckenella* (Lepidoptera, Pyralidae) (Madl and van Achterberg 2014)

Genus: *Iphiaulax* Förster, 1863
Iphiaulax didymus (Brullé, 1846)
Recorded from: Brullé 1846
Host information: Unknown

Subfamily: Charmontinae

Genus: *Charmon* Haliday, 1833
Charmon ramagei Rousse, 2013
Recorded from: Rousse 2013
Host information: Unknown

Subfamily: Cheloninae

Genus: *Chelonus* Panzer, 1806

Chelonus (*Microchelonus*) *curvimaculatus* Cameron, 1906

Recorded from: Quilici et al. 2003, Braet et al. 2012

Host information: *Nephopterix beharella* (Lepidoptera, Pyralidae) (Quilici et al. 2003), *Pectinophora gossypiella* (Lepidoptera, Gelechiidae), *Trichoplusia ni* (Lepidoptera, Notcuidae) (Chiri and Legner 1982, Jones 1986)

Chelonus (*Microchelonus*) *matilei* Braet & Rousse, 2012

Recorded from: Braet et al. 2012

Host information: Unknown

Chelonus (*Chelonus*) *mayi* Braet & Rousse, 2012

Recorded from: Braet et al. 2012

Host information: Unknown

Chelonus (*Microchelonus*) *merdicus* Rousse & Braet, 2012

Recorded from: Braet et al. 2012

Host information: Unknown

Chelonus sp.

Recorded from: Quilici et al. 2003

Host information: Unknown

Subfamily: Doryctinae

Genus: *Ipodoryctes* Granger, 1949

Ipodoryctes sp.

R*ecorded from*: Zaldivar-Riveron et al. 2008

Host information: Parasitoid of xylophagus and stem-boring Coleoptera (Beyarslan 2015)

Genus: *Rinamba* Cameron, 1912

Rinamba opacicollis Cameron, 1912

Recorded from: Braet 2001

Host information: Parasitoid of xylophagus and stem-boring Coleoptera larvae (Beyarslan 2015)

Subfamily: Euphorinae

Genus: *Centistes* Haliday, 1835
Centistes caloupile Rousse & Braet, 2012
Recorded from: Rousse and Braet 2012
Host information: Unknown

Genus: *Chrysopophthorus* Goidanich, 1948
Chrysopophthorus sp.
Recorded from: Semeria and Quilici 1986
Host information: Unknown, but *Chrysopophtorus* spp. are endoparasitoidss of Chrysopidae (Neuroptera) (Séméria 1976)

Genus: *Cosmophorus* Ratzeburg, 1848
Cosmophorus merdiculatus Rousse & Braet, 2012
Recorded from: Rousse and Braet 2012
Host information: Unknown, but *Cosmophorus* spp. are endoparasitoidss of adult bark beetles (Coleoptera, Scolytinae) (Watanabe 1968)

Genus: *Leiophron* Nees, 1819
Leiophron sarahae Rousse & Braet, 2012
Recorded from: Rousse and Braet 2012
Host information: Unknown, but *Leiophron* spp. are parasitoids of Miridae and Psocoptera (Simbolotti et al. 2002)

Leiophron yaeli Rousse & Braet, 2012
Recorded from: Rousse and Braet 2012
Host information: Unknown, but *Leiophron* spp. are parasitoids of Miridae and Psocoptera (Simbolotti et al. 2002)

Genus: *Meteorus* Haliday, 1835
Meteorus anthracnemis de Saeger, 1946
Recorded from: Rousse and Braet 2012
Host information: Unknown, but *Meteorus* spp. are endoparasitoidss of Lepidoptera or Coleoptera (van Achterberg 1979; Zitani et al. 1997)

Meteorus comonile Rousse & Braet, 2012
Recorded from: Rousse and Braet 2012
Host information: Unknown, but *Meteorus* spp. are endoparasitoidss of Lepidoptera or Coleoptera (van Achterberg 1979; Zitani et al. 1997)

Meteorus pulchricornis Wesmael, 1835
Recorded from: Rousse and Braet 2012
Host information: Lepidoptera: Geometridae, Lasiocampidae, Lycaenidae, Lymantriidae, Noctuidae, Nolidae, Nymphalidae, (Huddleston 1980) Arctiidae, Papilionidae, (Maetô 1990) Plutellidae, (Okada 1989) and Tortricidae, (Berry 1997)

Genus: *Syntretus* Förster, 1863
Syntretus massale Rousse and Braet, 2012
Recorded from: Rousse and Braet 2012
Host information: Unknown, but *Syntretus* spp. are solitary endoparasitoidss of adult Hymenoptera (Ichneumonidae and Apidae (Rousse and Braet 2012)

Subfamily: Microgastrinae

Genus: *Apanteles* Förster, 1863
Apanteles aff. *acutissimus* Granger, 1949
Recorded from: Vayssières et al. 2001
Host information: *Diaphana indica* (Lepidoptera, Crambidae) (Vayssières et al. 2001)

Apanteles bordagei Giard, 1902
Recorded from: Rousse and Gupta 2013
Host information: Endoparasitoid of *Crobylophora daricella*, *Leucoptera caffeina*, *Leucoptera mayricki* (Lepidoptera, Lyonetiidae) (Ferrière 1936, Rousse and Gupta 2013)

Apanteles fontinalis de Saeger, 1944
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Apanteles* are endoparasitoids of Lepidotera larvae (Farahani et al. 2012)

Apanteles galleriae Wilkinson, 1932
Recorded from: Rousse and Gupta 2013
Host information: *Achroia grisella*, *Galleria mellonella* and *Vitula edmansii* (Lepidoptera, Pyralidae) (Rousse and Gupta 2013)

Apanteles (*Apanteles*) *minatchy* Rousse & Gupta, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Apanteles* are endoparasitoids of Lepidotera larvae (Farahani et al. 2012)

Apanteles (*Apanteles*) *nigrofemoratus* Granger, 1949
Recorded from: Rousse and Gupta 2013
Host information: *Tortyra* sp. (Lepidoptera, Choreutidae) (Rousse and Gupta 2013)

Apanteles (*Apanteles*) *phasmina* Rousse, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Apanteles* spp. are endoparasitoids of Lepidotera larvae (Farahani et al. 2012)

Apanteles (*Apanteles*) *romei* Rousse, 2013
Recorded from: Rousse and Gupta 2013
Host information: *Diaphina* sp. (Lepidoptera, Pyralidae) on *Momordicha charantia* (Cucurbitaceae) (Rousse and Gupta 2013)

Genus: *Cotesia* Cameron, 1891
Cotesia flavipes Cameron, 1891
Recorded from: Kfir et al. 2002
Host information: About 30 lepidopteran species in Arctiidae, Brachodidae, Lymantriidae, Noctuidae, Pyralidae and Tortricidae, including major pests (Rousse and Gupta 2013)

Cotesia plutellae (Kurdumov, 1912)
Recorded from: Rousse and Gupta 2013
Host information: About 30 lepidopteran species in Arctiidae, Lasiocampidae, Lymantriidae, Noctuidae, Notodontidae, Nymphalidae, Pieridae, Plutellidae, Pterophoridae, Pyralidae and Tortricidae, including major pests (Rousse and Gupta 2013)

Cotesia ruficrus (Haliday, 1834)
Recorded from: Rousse and Gupta 2013
Host information: About 100 lepidopteran species in Arctiidae, Brachodidae, Dilobidae, Gelechiidae, Geometridae, Hesperiidae, Lasiocampidae, Lycaenidae, Lymantriidae, Noctuidae, Nymphalidae, Pieridae, Plutellidae, Pyralidae and Tortricidae (Rousse and Gupta 2013)

Cotesia sesamiae (Cameron, 1906)
Recorded from: Van Achterberg and Polaszek 1996
Host information: 15 species of Noctuidae and Pyralidae, including major pests (Rousse and Gupta 2013)

Cotesia xavieri Rousse, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Apanteles* spp. are endoparasitoids of Lepidotera larvae (Rousse and Gupta 2013)

Genus: *Diolcogaster* Ashmead, 1900
Diolcogaster austrina (Wilkinson, 1929)
Recorded from: Aubert 1966
Host information: Unknown, but *Diolcogaster* spp. are endoparasitoids in 11 families of Lepidoptera including: Arctiidae, Geometridae, Lasiocampidae, Limacodidae, Lymantriidae, Noctuidae, Notodontidae, Plutellidae, Pyralidae, Tenthredinidae, and Thaumetopoeidae (Zeng et al. 2011)

Diolcogaster curticornis (Granger, 1949)
Recorded from: Rousse and Gupta 2013
Host information: *Brenthia leptocosma*, (Lepidoptera, Choreutidae) *Macalla* sp. (Lepidoptera, Pyralidae) (Rousse and Gupta 2013)

Genus: *Distatrix* Mason, 1981
Distatrix belliger (Wilkinson, 1929)
Recorded from: Rousse and Gupta 2013
Host information: *Helicoverpa armigera*, *Pseudaletia unipunctata* and *Mythimna* sp. (Lepidoptera, Noctuidae) (Rousse and Gupta 2013)

Distatrix yunae Rousse & Gupta, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Distatrix* spp. are endoparasitoids of Lepidoptera larvae (Rousse and Gupta 2013)

Genus: *Dodogaster* Rousse, 2013
Dodogaster grangeri Rousse, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown

Genus: *Dolichogenidea* Viereck, 1911
Dolichogenidea ashoka Rousse, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Dolichogenidea* spp. are endoparasitoids of Lepidoptera larvae (Rousse and Gupta 2013)

Dolichogenidea broadi Rousse, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Dolichogenidea* spp. are endoparasitoids of Lepidoptera larvae (Rousse and Gupta 2013)

Dolichogenidea lumba Rousse & Gupta, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Dolichogenidea* spp. are endoparasitoids of Lepidoptera larvae (Rousse and Gupta 2013)

Dolichogenidea uru Rousse & Gupta, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Dolichogenidea* spp. are endoparasitoids of Lepidoptera larvae (Rousse and Gupta 2013)

Dolichogenidea villemantae Rousse, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Dolichogenidea* spp. are endoparasitoids of Lepidoptera larvae (Rousse and Gupta 2013)

Genus: *Exoryza* Mason, 1981
Exoryza safranum Rousse & Gupta, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Exoryza* spp. are endoparasitoids of Lepidoptera larvae (Rousse and Gupta 2013)

Genus: *Glyptapanteles* Ashmead, 1904
Glyoptapanteles antsirabensis (Granger, 1949)
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Glyptapanteles* spp. are endoparasitoids of Lepidoptera larvae (Rousse and Gupta 2013)

Glyptapanteles chidra Rousse & Gupta, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Glyptapanteles* spp. are endoparasitoids of Lepidoptera larvae (Rousse and Gupta 2013)

Glyptapanteles ficus (Granger, 1949)
Recorded from: Rousse and Gupta 2013
Host information: *Naroma signifera* (Lepidoptera, Lymantriidae) (Rousse and Gupta 2013)

Glyptapanteles subandinus (Blanchard, 1947)
Recorded from: Rousse and Gupta 2013
Host information: *Achyra bifidalis* (Lepidoptera, Pyralidae), *Phthorimaea operculella* and *Scrobipalpula absoluta* (Lepidoptera, Gelechiidae) on *Solanum tuberosum* (Solanaceae) (Rousse and Gupta 2013)

Genus: *Microplitis* Förster, 1863
Microplitis subsulcatus Granger, 1949
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Microplitis* spp. are endoparasitoids of Lepidoptera larvae (Rousse and Gupta 2013)

Genus: *Nyereria* Mason, 1981
Nyereria ganges Rousse & Gupta, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Nyereria* spp. are endoparasitoids of macrolepidoptera larvae (Rousse and Gupta 2013)

Nyereria mayurus Rousse & Gupta, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Nyereria* spp.are endoparasitoids of macrolepidoptera larvae (Rousse and Gupta 2013)

Genus: *Parapanteles* Ashmead, 1900
Parapanteles covino Rousse & Gupta, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Parapanteles* spp. are endoparasitoids in 7 families of Lepidoptera including: Arctiidae, Noctuidae, Notodontidae, Elachistidae, Saturniidae, Geometridae, Gelechiidae (Valerio et al. 2009)

Parapanteles darignac Rousse & Gupta, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown. but *Parapanteles* spp. are endoparasitoids in 7 families of Lepidoptera including: Arctiidae, Noctuidae, Notodontidae, Elachistidae, Saturniidae, Geometridae, Gelechiidae (Valerio et al. 2009)

Genus: *Venanides* Mason, 1981
Venanides curticornis (Granger, 1949)
Recorded from: Rousse and Gupta 2013
Host information: Unknown, but *Venanides* spp. are endoparasitoids of microlepidoptera larvae (Rousse and Gupta 2013)

Genus: *Wilkinsonellus* Mason, 1981
Wilkinsonellus narangahus Rousse & Gupta, 2013
Recorded from: Rousse and Gupta 2013
Host information: Unknown

Subfamily: Gnamptodontinae

Genus: *Gnamptodon* Haliday, 1833
Gnamptodon legorskyi Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown, but *Gnamptodon* spp. are parasitoids of Nepticulidae.

Subfamily: Opiinae

Genus: *Diachasmimorpha* Viereck, 1913
Diachasmimorpha fullawayi (Silvestri, 1913)
Recorded from: Quilici et al. 2003
Host information: *Ceratitis capitata* (Diptera, Tephritidae) (Quilici et al. 2003, Fischer and Madl 2008)

Diachasmimorpha tryoni (Cameron, 1911)
Recorded from: Hurtrel et al. 1999
Host information: At least 6 species of Tephritidae (Diptera) (Ramadan et al. 1994, Wharton and Gilstrap 1983)

Genus: *Fopius* Wharton, 1987
Fopius arisanus (Sonan, 1932)
Recorded from: Quilici et al. 2003
Host information: *Bactrocera zonata*, *Ceratitis capitata*, *Ceratitis catoirii*, *Ceratitis rosa*, *Dacus ciliatus*, *Dacus demmerezi*, *Neoceratitis cyanescens* (Diptera, Tephritidae) (Fischer and Madl 2008)

Genus: *Opius* Wesmael, 1835
Opius dissitus Muesebeck, 1963
Recorded from: Vayssières et al. 2001
Host information: *Liriomyza* spp. (Diptera, Agromyzidae) (Stegmaier 1972, Schuster and Wharton 1993, Vayssières et al. 2001)

Opius (*Utetes*) *coriacitergum* Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown, but Opiinae are parasitoids of Cyclorrhapha (Diptera) larvae (Ameri et al. 2014)

Opius (*Tolbia*) *karlmayi* Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown, but Opiinae are parasitoids of Cyclorrhapha (Diptera) larvae (Ameri et al. 2014)

Opius (*Utetes*) *lareunionensis* Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown, but Opiinae are parasitoids of Cyclorrhapha (Diptera) larvae (Ameri et al. 2014)

Opius (*Gastrosema*) *laticrenis* Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown, but Opiinae are parasitoids of Cyclorrhapha (Diptera) larvae (Ameri et al. 2014)

Opius (*Opius*) *raoiformis* Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown, but Opiinae are parasitoids of Cyclorrhapha (Diptera) larvae (Ameri et al. 2014)

Opius (*Utetes*) *semipilosus* Fischer, 2014
Recorded from: Fischer 2014
Host information: Unknown, but Opiinae are parasitoids of Cyclorrhapha (Diptera) larvae (Ameri et al. 2014)

Opius (*Gastrosema*) *waterloti* Granger, 1949
Recorded from: Fischer and Madl 2008
Host information: Unknown, but Opiinae are parasitoids of Cyclorrhapha (Diptera) larvae (Ameri et al. 2014)

Genus: *Psyttalia* Walker, 1860

Psyttalia cosyrae (Wilkinson, 1927)
Recorded from: Doubtful record. Fischer (1987) recorded it from Reunion because "Réunion, Mayotte" was indicated on the label.
Host information: *Dacus* sp. (Diptera, Tephritidae) (Fischer and Madl 2008)

Psyttalia distinguenda (Granger, 1949)
Recorded from: Wharton et al. 1999
Host information: *Ceratitis capitata* (Diptera, Tephritidae) (Quilici et al. 2003, Fischer and Madl 2008)

Psyttalia fletcheri (Sylvestri, 1916)
Recorded from: Hurtrel et al. 1999
Host information: *Bactrocera cucurbitae*, *Ceratitis capitata* and *Dacus ciliatus* (Diptera, Tephritidae) (Fischer and Madl 2008)

Psyttalia insignipennis (Granger, 1949)
Recorded from: Wharton et al. 1999
Host information: *Ceratitis capitata*, *Ceratitis catoirii* and *Neoceratitis cyanescens* (Diptera, Tephritidae) (Quilici et al. 2003, Fischer and Madl 2008)

Psyttalia phaeostigma (Wilkinson, 1927)
Recorded from: Fischer 1987
Host information: *Dacus ciliatus* and *Dacus demmerezi* (Diptera, Tephritidae) (Fischer and Madl 2008)

Psyttalia sanctamarina (Fischer, 1980)
Recorded from: Fischer 1980
Host information: *Spathulina aroleuca* (Diptera, Tephritidae) (Fischer and Madl 2008)

Psyttalia subsulcata (Granger, 1949)
Recorded from: Fischer and Madl 2008
Host information: *Spathulina aroleuca* (Diptera, Tephritidae) (Fischer and Madl 2008)

Family: ICHNEUMONIDAE
Subfamily: Banchinae

Genus: *Himertosoma* Schimedeknecht, 1900
Himertosoma bebourensis (Benoit, 1957)
Recorded from: Benoit 1957
Host information: Unknown, but Banchinae are parasitoid of Lepidoptera larvae (Rousse and Villemant 2012)

Himertosoma striata (Seyrig, 1932)
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Banchinae are parasitoid of Lepidoptera larvae (Rousse and Villemant 2012)

Subfamily: Campopleginae

Genus: *Campoplex* Gravenhorst, 1829
Campoplex techer Rousse & Villemant, 2012
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Campopleginae are generally parasitoids of Lepidoptera and Symphyta but they sometimes parasitize Coleoptera and Neuroptera (Rousse and Villemant 2012)

Genus: *Diadegma* Förster, 1869
Diadegma insulare (Cresson, 1865)
Recorded from: Rousse and Villemant 2012

Host information: *Plutella xylostella*, *Plutella opercula*, *Plutella omissa*, *Plutella armoraciae* (Lepidoptera, Plutellidae) and *Hellula undalis* (Lepidoptera, Pyralidae) (Sourakov and Mitchell 2000, Rousse and Villemant 2012)

Diadegma mollipla (Holmgren, 1868)
Recorded from: Vayssières et al. 2001
Host information: *Plutella xylostella*, (Lepidoptera, Plutellidae) and *Phthorimaea operculella* (Lepidoptera, Gelechiidae) (Rousse and Villemant 2012)

Genus: *Dusona* Cameron, 1901
Dusona douraguia Rousse & Villemant, 2012
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Campopleginae are generally parasitoids of Lepidoptera and Symphyta but they sometimes parasitize Coleoptera and Neuroptera (Rousse and Villemant 2012)

Dusona pauliani (Benoit, 1957)
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Campopleginae are generally parasitoids of Lepidoptera and Symphyta but they sometimes parasitize Coleoptera and Neuroptera (Rousse and Villemant 2012)

Genus: *Enytus* Cameron, 1905
Enytus huet Rousse & Villemant, 2012
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Campopleginae are generally parasitoids of Lepidoptera and Symphyta but they sometimes parasitize Coleoptera and Neuroptera (Rousse and Villemant 2012)

Genus: *Eriborus* Förster, 1869
Eriborus cadjee Rousse & Villemant, 2012
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Campopleginae are generally parasitoids of Lepidoptera and Symphyta but they sometimes parasitize Coleoptera and Neuroptera (Rousse and Villemant 2012)

Eriborus pallipes (Brullé, 1846)
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Campopleginae are generally parasitoids of Lepidoptera and Symphyta but they sometimes parasitize Coleoptera and Neuroptera (Rousse and Villemant 2012)

Genus: *Hyposoter* Förster 1869

Hyposoter reunionis (Benoit, 1957)

Recorded from: Benoit 1957

Host information: Unknown, but Campopleginae are generally parasitoids of Lepidoptera and Symphyta but they sometimes parasitize Coleoptera and Neuroptera (Rousse and Villemant 2012)

Genus: *Venturia* Schrottky, 1902

Venturia canescens (Gravenhorst, 1829)

Recorded from: Rousse and Villemant 2012

Host information: 23 species belonging to the families Pyralidae, Noctuidae, Tortricidae, Gelechiidae, Tineidae and Yponomeutidae (Lepidoptera) (Rousse and Villemant 2012)

Genus: *Xanthocampoplex* Morley, 1913

Xanthocampoplex huberti Rousse & Villemant, 2012

Recorded from: Rousse and Villemant 2012

Host information: Unknown, but Campopleginae are generally parasitoids of Lepidoptera and Symphyta but they sometimes parasitize Coleoptera and Neuroptera (Rousse and Villemant 2012)

Subfamily: Cremastinae

Genus: *Pristomerus* Curtis, 1836

Pristomerus rivier Rousse & Villemant, 2012

Recorded from: Rousse and Villemant 2012

Host information: *Plutella xylostella* (Plutellidae) (Rousse and Villemant 2012) and *Prophantis smaragdina* (Chartier et al. 2013, Identified by Rousse 2012 unpublished data)

Genus: *Temelucha* Meyrick, 1909

Temelucha basiornata (Cameron, 1911)

Recorded from: Rousse and Villemant 2012

Host information: Unidentified rice stem borer, probably *Diopsis* sp. (Diptera, Diopsidae) (Zwart 1998)

Temelucha labusi Rousse & Villemant, 2012

Recorded from: Rousse and Villemant 2012

Host information: Unknown, but Cremastinae are endoparasitoids of Lepidoptera or Coleoptera larvae in leave folds, tunnels, buds, galls or other concealed situations (Rousse and Villemant 2012)

Temelucha minuta (Morley, 1912)
Recorded from: Rousse and Villemant 2012
Host information: *Grapholita critica* (Lepidoptera, Tortricidae), *Etiella behrii* (Lepidoptera, Pyralidae), *Bilobata subsecivella* (Lepidoptera, Gelechiidae) on peanut, *Phthorimaea operculella* (Lepidoptera, Gelechiidae) on potato (Gauld 1980, Rousse and Villemant 2012)

Temelucha pestifer (Morley, 1913)
Recorded from: Benoit 1957
Host information: An unidentified stem borer on *Oryza sativa* (Poaceae) field (Rousse and Villemant 2012)

Temelucha talibarti Rousse, Villemant & Seyrig, 2011
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Cremastinae are endoparasitoids of Lepidoptera or Coleoptera larvae in leave folds, tunnels, buds, galls or other concealed situations (Rousse and Villemant 2012)

Temelucha sp. 1
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Cremastinae are endoparasitoids of Lepidoptera or Coleoptera larvae in leave folds, tunnels, buds, galls or other concealed situations (Rousse and Villemant 2012)

Temelucha sp. 2
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Cremastinae are endoparasitoids of Lepidoptera or Coleoptera larvae in leave folds, tunnels, buds, galls or other concealed situations (Rousse and Villemant 2012)

Genus: *Trathala* Cameron, 1899
Trathala annulicornis (Tosquinet, 1896)
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Cremastinae are endoparasitoids of Lepidoptera or Coleoptera larvae in leave folds, tunnels, buds, galls or other concealed situations (Rousse and Villemant 2012)

Trathala flavoorbitalis (Cameron, 1907)
Recorded from: Rousse and Villemant 2012
Host information: Seventy-eight host records, all Lepidoptera (Gelechoidea, Noctuoidea, Pyraloidea, Tineoidea and Tortricoidea) (Rousse and Villemant 2012)

Subfamily: Cryptinae

Genus: *Acrolyta* Förster, 1868

Acrolyta dindar Rousse & Villemant, 2012

Recorded from: Rousse and Villemant 2012

Host information: Unknown, but Cryptinae generally are ectoparasitoids of Holometabola pupae or prepupae. Some species are endoparasitoids, and some species parasitize the egg masses of Araneae and Pseudoscorpionida. (Rousse and Villlemant 2012)

Genus: *Diatora* Förster, 1868

Diatora albiscapus (Seyrig, 1952)

Recorded from: Rousse and Villemant 2012

Host information: *Apanteles* sp. (Hymenoptera, Braconidae) ex *Napta serratilinea* (Lepidoptera, Lasiocampidae) and *Nephele densoi* (Lepidoptera, Sphingidae) on mimosa (*Mimosa* sp.) (Seyrig 1952, Rousse and Villemant 2012)

Genus: *Paraphylax* Förster, 1869

Paraphylax mussar Rousse & Villemant, 2012

Recorded from: Rousse and Villemant 2012

Host information: Unknown, but *Paraphylax* spp. are parasitoids of *Heliothis armigera* (Lepidoptera, Noctuidae) (Choudhary et al. 1983)

Paraphylax transversatoria (Seyrig, 1952)

Recorded from: Rousse and Villemant 2012

Host information: Unknown, but *Paraphylax* spp. are parasitoids of *Heliothis armigera* (Lepidoptera, Noctuidae) (Choudhary et al. 1983)

Genus: *Phygadeuon* Gravenhorst, 1829

Phygadeuon nativel Rousse & Villemant, 2012

Recorded from: Rousse and Villemant 2012

Host information: Unknown, but *Phygadeuon* spp. are parasitoids of *Musca domestica* (Diptera, Muscidae) and *Rhagoletis cerasi* (Diptera, Tephritidae) (Rousse and Villemant 2012)

Subfamily: Diplazontinae

Genus: *Diplazon* Nees, 1918

Diplazon laetatorius (Fabricius, 1781)

Recorded from: de Saussure 1892

Host information: Parasitoid of a wide range of Diptera, especially aphidophagous syrphid flies (more than 50 host species reported in Syrphidae) (Rousse and Villemant 2012)

Subfamily: Ichneumoninae

Genus: *Crytea* Cameron, 1906
Crytea albitrochanterata (Heinrich, 1938)
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Ichneumoninae are endoparasitoids of Lepidoptera larvae or pupae (Rousse and Villemant 2012)

Genus: *Ichneumon* Fabricius, 1798
Ichneumon unicinctus Brullé, 1846
Recorded from: Rousse and Villemant 2012
Host information: *Charadrina* sp., *Sciomesia biluma*, *Sesamia calamistis* (Lepidoptera, Noctuidae, Amphipyrinae) (Zwart 1998)

Subfamily: Mesochorinae

Genus: *Mesochorus* Gravenhorst, 1829
Mesochorus cariniferus Benoit, 1955
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Mesochorinae are hyperparasitoids of Ichneumonoidea (Hymenoptera) or Tachinidae (Diptera) (Rousse and Villemant 2012)

Mesochorus sp.
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Mesochorinae are hyperparasitoids of Ichneumonoidea (Hymenoptera) or Tachinidae (Diptera) (Rousse and Villemant 2012)

Subfamily: Metopiinae

Genus: *Triclistus* Förster, 1869
Triclistus aitkeni (Cameron, 1897)
Recorded from: Rousse and Villemant 2012
Host information: *Cnaphalocrocis medinalis* (Guenée) (Lepidoptera: Pyralidae) on rice (*Oryza sativa*) (Rousse and Villemant 2012)

Subfamily: Ophioninae

Genus: *Enicospilus* Stephens, 1835

Enicospilus angustatus (Brullé, 1846)

Recorded from: Bordage 1914

Host information: Unknown, but *Enicospilus* spp. are nocturnal endoparasitoids of Lepidoptera (Rousse and Villemant 2012)

Enicospilus betanimenus (Saussure, 1892)

Recorded from: Rousse and Villemant 2012

Host information: *Achaea faber*, *Dysgonia pudica*, *Dysgonia triplocyma*, *Heliophisma klugii*, and *Tatorinia rufipennis* (Lepidoptera, Noctuidae) (Rousse and Villemant 2012)

Enicospilus dolosus (Tosquinet, 1896)

Recorded from: Rousse and Villemant 2012

Host information: *Anomis leona* (Lepidoptera, Noctuidae) and *Haritalodes derogate* (Lepidoptera, Crambidae) (Rousse and Villemant 2012)

Enicospilus dubius (Tosquinet, 1896)

Recorded from: Rousse and Villemant 2012

Host information: *Anomis leona*, *Chrysodeixis chalcites* (Lepidoptera, Noctuidae) and *Plusia* sp. (Lepidoptera, Plusiidae) (Gauld and Mitchell 1978)

Eniscopilus grandiflavus Townes, 1973

Recorded from: Rousse and Villemant 2012

Host information: Unknown, but *Enicospilus* spp. are nocturnal endoparasitoids of Lepidoptera (Rousse and Villemant 2012)

Enicospilus helvolus Gauld & Mitchell, 1978

Recorded from: Rousse and Villemant 2012

Host information: Unknown, but *Enicospilus* spp. are nocturnal endoparasitoids of Lepidoptera (Rousse and Villemant 2012)

Enicospilus hova Gauld & Mitchell, 1978

Recorded from: Gauld and Mitchell 1978

Host information: Unknown, but *Enicospilus* spp. are nocturnal endoparasitoids of Lepidoptera (Rousse and Villemant 2012)

Enicospilus mauritii (de Saussure, 1892)

Recorded from: Bordage 1914

Host information: *Chilo sacchariphagus* (Lepidoptera, Pyralidae), *Leucania loreyi* (Lepidoptera, Noctuidae, Hadeninae), *Mythimna loreyi* (Lepidoptera, Noctuidae), *Olethreutes schistaceanus*, *Tetramoera schistaceana* (Lepidoptera, Tortricidae, Olethreutinae), *Procherata sacchariphaga*, *Procerata venostata* (Lepidoptera, Brachodidae), *Sesamia calamistis*, *Sesamia inferens*, *Sesamia nonagrioides*, *Speia vuteria* (Lepidoptera, Noctuidae, Amphipyrinae) (Rousse and Villemant 2012)

Enicospilus rufus (Brullé, 1846)
Recorded from: Benoit 1957
Host information: *Ctenoplusia limbirena*, *Trigonodes hyppasia* (Lepidoptera, Noctuidae) (Rousse and Villemant 2012).

Enicospilus ruscus Gauld & Mitchell, 1978
Recorded from: Rousse and Villemant 2012
Host information: *Mythimna loreyi*, *Sesamia botanephaga*, *Sesamia veturia*, (Lepidoptera, Noctuidae) (Rousse and Villemant 2012)

Enicospilus sesamiae Delobel, 1974
Recorded from: Zwart 1998
Host information: *Procerata venosata* (Lepidoptera, Brachodidae) (Gauld and Mitchell 1978), *Busseola fusca*, *Sesamia calamistis* and *Sesamia vuteria* (Lepidoptera, Noctuidae) (Zwart 1998)

Enicospilus transvaalensis Cameron, 1911
Recorded from: Rousse and Villemant 2012
Host information: *Mythimna* sp. and *Sesamia calamistis* (Lepidoptera, Noctuidae) (Rousse and Villemant 2012)

Enicospilus vitry Rousse & Villemant, 2012
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but *Enicospilus* spp. are nocturnal endoparasitoids of Lepidoptera (Rousse and Villemant 2012)

Subfamily: Orthocentrinae

Genus: *Megastylus* Schiødte, 1838
Megastylus vagabundus Seyrig, 1934
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Orthocentrinae are endoparasitoids of Mycetophilidae and Sciaridae (Diptera) (Rousse and Villemant 2012)

Genus: *Orthocentrus* Gravenhorst, 1829
Orthocentrus urbanus Seyrig, 1934
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Orthocentrinae are endoparasitoids of Mycetophilidae and Sciaridae (Diptera) (Rousse and Villemant 2012)

Genus: *Pantisarthrus* Förster, 1871
Pantisarthrus isolatus (Benoit, 1957)
Recorded from: Benoit 1957
Host information: Unknown, but Orthocentrinae are endoparasitoids of Mycetophilidae and Sciaridae (Diptera) (Rousse and Villemant 2012)

Genus: *Proclitus* Förster, 1869
Proclitus ligatus (Seyrig, 1934)
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Orthocentrinae are endoparasitoids of Mycetophilidae and Sciaridae (Diptera) (Rousse and Villemant 2012)

Genus: *Stenomacrus* Förster, 1869
Stenomacrus payet Rousse & Villemant, 2012
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Orthocentrinae are endoparasitoids of Mycetophilidae and Sciaridae (Diptera) (Rousse and Villemant 2012)

Genus: *Tariqia* Rousse and Villemant, 2012
Tariqia stellaris Rousse & Villemant, 2012
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Orthocentrinae are endoparasitoids of Mycetophilidae and Sciaridae (Diptera) (Rousse and Villemant 2012)

Subfamily: Pimplinae

Genus: *Echthromorpha* Holmgren, 1868
Echthromorpha spinator (Fabricius, 1798)
Recorded from: Rousse and Villemant 2012
Host information: *Nagia linteola* (Lepidoptera, Noctuidae) (Rousse and Villemant 2012)

Genus: *Itoplectis* (Förster, 1869)
Itoplectis albipes Seyrig 1932
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but morphological studies indicate that *Itoplectis albipes* uses echolocation when foraging for hosts (Broad and Quicke 2000)

Genus: *Xanthophenax* Saussure, 1892
Xanthophenax defector Seyrig, 1932
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Pimplinae are generally ectoparasitoids of pupae and larvae of Holometabola. Some species parasitize adult and egg sacs od Araneae (Rousse and Villemant 2012)

Xanthophenax pacificator Seyrig, 1932
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Pimplinae are generally ectoparasitoids of pupae and larvae of Holometabola. Some species parasitize adult and egg sacs od Araneae (Rousse and Villemant 2012)

Xanthophenax xanthomelas (Brullé, 1846)
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Pimplinae are generally ectoparasitoids of pupae and larvae of Holometabola. Some species parasitize adult and egg sacs od Araneae (Rousse and Villemant 2012)

Genus: *Xanthopimpla* de Saussure, 1892
Xanthopimpla stemmator (Thunberg, 1824)
Recorded from: Kfir et al. 2002
Host information: More than 30 species of Pyralidae (Lepidoptera) (Rousse and Villemant 2012)

Genus: *Zatypota* Förster, 1869
Zatypota inexpectata (Seyrig, 1932)
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but Pimplinae are generally ectoparasitoids of pupae and larvae of Holometabola. Some species parasitize adult and egg sacs od Araneae (Rousse and Villemant 2012)

Subfamily: Tersilochinae

Genus: *Aneuclis* Förster, 1869
Aneuclis larga Khalaim, 2009
Recorded from: Rousse and Villemant 2012
Host information: Unknown, but most Tersilochinae are endoparasitoids of Coleoptera (generally Curculionidae and Chrysomelidae). Some species parasitize Symphyta (Hymenoptera) (Rousse and Villemant 2012)

Genus: *Diaparsis* Förster, 1869

Diaparsis ramassamy Rousse & Villemant, 2012

Recorded from: Rousse and Villemant 2012

Host information: Unknown, but most Tersilochinae are endoparasitoids of Coleoptera (generally Curculionidae and Chrysomelidae). Some species parasitize Symphyta (Hymenoptera) (Rousse and Villemant 2012)

Subfamily: Tryphoninae

Genus: *Netelia* Gray, 1860

Netelia melanopus (Brullé, 1846)

Recorded from: de Saussure 1892

Host information: *Mythimna loreyi*, *Sesamia calamistis*, *Sesamia inferens* (Lepidoptera, Noctuidae), *Olethreutes schistaceanus* (Lepidoptera, Tortricidae) and *Chilo sacchariphagus* (Lepidoptera, Pyralidae) (Rousse and Villemant 2012)

Netelia sp.

Recorded from: Rousse and Villemant 2012

Host information: Unknown, but *Netelia* spp. are ectoparasitoids of Lepidoptera larvae (Rousse and Villemant 2012)

Table 1. List of Ichneumonoidea recorded from Reunion Island.

Familly	Subfamilly	Genus / Species	General host information	Recorded from
BRACONIDAE	Agathidinae	*Biroia costata* (Brullé, 1846)	Unknown	Granger 1949
		Camptothlipsis curticornis Granger, 1949	*Nephopterix beharella*	Quilici et al. 2003
		Coccygidium lutea (Brullé, 1846)	*Condica conducta* *Mythimna curvuvula* *Mythimna loreyi*	Brullé 1846
	Alysiinae	*Adelphenaldis grimmorum* Fischer, 2014	Unknown	Fischer 2014
		Adelphenaldis nanocorpus Fischer, 2014	Unknown	Fischer 2014
		Aphaereta sp.	Diptera Cyclorrhapha	Quilici et al. 2003
		Asobara diadegmae Fischer, 2014	*Diadegma* sp. (Ichneumonidae)	Fischer 2014
		Cratospila sinenotaulis Fischer, 2014	Unknown	Fischer 2014
		Dacnusa sibirica Telenga, 1934	Agromyzidae	Vayssières et al. 2001
		Dacnusa sp.	Agromyzidae	Vayssières et al. 2001

Familly	Subfamilly	Genus / Species	General host information	Recorded from
BRACONIDAE	**Alysiinae**	*Dinotrema candidiapex* Fischer, 2014	Unknown	Fischer 2014
		Synaldis dugainensis Fischer, 2014	Unknown	Fischer 2014
		Synaldis robusticeps Fischer, 2014	Unknown	Fischer 2014
	Aphidiinae	*Aphidius camerunensis* Mackauer, 1966	*Sitobion*	Stary et al. 1994
		Aphidius colemani Viereck, 1912	Aphididae	Vayssières et al. 2001
		Aphidius rosae Haliday, 1833	*Macrosiphum rosae* *Sitobion fragariae*	Stary et al. 1977
		Aphidius seyrigi Granger 1949	Aphididae	Benoit 1957
		Diaeretiella rapae (McIntosh, 1855)	Aphididae	Quilici et al. 1988
		Praon sp.	*Aphis* sp.	Vayssières et al. 2001
	Braconinae	*Bracon* (*Habrobracon*) *hebetor* (Say, 1836)	Crambidae, Lycaenidae, Pyralidae (Lep.)	Quilici et al. 2003
		Iphiaulax didymus (Brullé, 1846)	Unknown	Brullé 1846
	Charmontinae	*Charmon ramagei* Rousse, 2013	Unknown	Rousse 2013
	Cheloninae	*Chelonus* (*Microchelonus*) *curvimaculatus* Cameron, 1906	*Pectinophora gossypiella*, *Trichoplusia ni*	Quilici et al. 2003 Braet et al. 2012
		Chelonus (*Microchelonus*) *matilei* Braet & Rousse, 2012	Unknown	Braet et al. 2012
		Chelonus (*Chelonus*) *mayi* Braet & Rousse, 2012	Unknown	Braet et al. 2012
		Chelonus (*Microchelonus*) *merdicus* Rousse & Braet, 2012	Unknown	Braet et al. 2012
		Chelonus sp.	Unknown	Quilici et al. 2003
	Doryctinae	*Ipodoryctes* sp.	Coleoptera	Zaldivar-Riveron et al. 2008
		Rinamba opacicollis Cameron, 1912	Coleoptera	Braet 2001
	Euphorinae	*Centistes caloupile* Rousse & Braet, 2012	Unknown	Rousse and Braet 2012
		Chrysopophthorus sp.	Chrysopidae	Semeria and Quilici 1986
		Cosmophorus merdiculatus Rousse & Braet, 2012	Scolytinae	Rousse and Braet 2012
		Leiophron sarahae Rousse & Braet, 2012	Miridae or Psocoptera	Rousse and Braet 2012
		Leiophron yaeli Rousse & Braet, 2012	Miridae or Psocoptera	Rousse and Braet 2012
		Meteorus anthracnemis de Saeger, 1946	Lepidoptera	Rousse and Braet 2012
		Meteorus comonile Rousse & Braet, 2012	Lepidoptera	Rousse and Braet 2012
		Meteorus pulchricornis Rousse & Braet, 2012	Lepidoptera	Rousse and Braet 2012

Familly	Subfamilly	Genus / Species	General host information	Recorded from
BRACONIDAE	**Euphorinae**	*Syntretus massale* Rousse & Braet, 2012	Hymenoptera	Rousse and Braet 2012
	Gnamptodontinae	*Gnamptodon legorskyi* Fischer, 2014	Nepticulidae	Fischer 2014
	Microgastrinae	*Apanteles aff. acutissimus* Granger, 1949	*Diaphana indica*	Vayssières et al. 2001
		Apanteles bordagei Giard, 1902	*Crobylophora daricella* *Leucoptera caffeina* *Leucoptera mayricki*	Rousse and Gupta 2013
		Apanteles fontinalis de Saeger, 1944	Lepidoptera	Rousse and Gupta 2013
		Apanteles galleriae Wilkinson, 1932	Lepidoptera, Pyralidae	Rousse and Gupta 2013
		Apanteles minatchy Rousse & Gupta, 2013	Lepidoptera	Quilici et al. 2003
		Apanteles nigrofemoratus Granger, 1949	Lepidoptera, Cheurotidae	Rousse and Gupta 2013
		Apanteles phasmina Rousse, 2013	Lepidoptera	Rousse and Gupta 2013
		Apanteles romei Rousse, 2013	*Diaphina* sp.	Rousse and Gupta 2013
		Cotesia flavipes Cameron, 1891	Lepidoptera	Kfir et al. 2002
		Cotesia plutellae (Kurdumov, 1912)	Lepidoptera	Rousse and Gupta 2013
		Cotesia ruficrus (Haliday, 1834)	Lepidoptera	Rousse and Gupta 2013
		Cotesia sesamiae (Cameron, 1906)	Lepidoptera, Noctuidae, Pyralidae	Van Achterberg and Polaszek 1996
		Cotesia xavieri Rousse, 2013	Lepidoptera	Rousse and Gupta 2013
		Diolcogaster austrina (Wilkinson, 1929)	Lepidoptera	Aubert 1966
		Diolcogaster curticornis (Granger, 1949)	Lepidoptera	Rousse and Gupta 2013
		Distatrix belliger (Wilkinson, 1929)	Lepidoptera	Rousse and Gupta 2013
		Distatrix yunae Rousse & Gupta, 2013	Lepidoptera	Rousse and Gupta 2013
		Dodogaster grangeri Rousse, 2013	Lepidoptera	Rousse and Gupta 2013
		Dolichogenidea ashoka Rousse, 2013	Lepidoptera	Rousse and Gupta 2013
		Dolichogenidea broadi Rousse, 2013	Lepidoptera	Rousse and Gupta 2013
		Dolichogenidea lumba Rousse & Gupta, 2013	Lepidoptera	Rousse and Gupta 2013
		Dolichogenidea uru Rousse & Gupta, 2013	Lepidoptera	Rousse and Gupta 2013

Familly	Subfamilly	Genus / Species	General host information	Recorded from
BRACONIDAE	Microgastrinae	*Dolichogenidea villemantae* Rousse, 2013	Lepidoptera	Rousse and Gupta 2013
		Exoryza safranum Rousse & Gupta, 2013	Lepidoptera	Rousse and Gupta 2013
		Glyoptapanteles antsirabensis (Granger, 1949)	Lepidoptera	Rousse and Gupta 2013
		Glyptapanteles chidra Rousse & Gupta, 2013	Lepidoptera	Rousse and Gupta 2013
		Glyptapanteles ficus (Granger, 1949)	*Naroma signifera*	Rousse and Gupta 2013
		Glyptapanteles subandinus (Blanchard, 1947)	*Achyra bifidalis* *Phthorimaea operculella* *Scrobipalpula absoluta*	Rousse and Gupta 2013
		Microplitis subsulcatus Granger, 1949	Lepidoptera	Rousse and Gupta 2013
		Nyereria ganges Rousse & Gupta, 2013	Lepidoptera	Rousse and Gupta 2013
		Nyereria mayurus Rousse & Gupta, 2013	Lepidoptera	Rousse and Gupta 2013
		Parapanteles covino Rousse & Gupta, 2013	Lepidoptera	Rousse and Gupta 2013
		Parapanteles darignac Rousse & Gupta, 2013	Lepidoptera	Rousse and Gupta 2013
		Venanides curticornis (Granger, 1949)	Lepidoptera	Rousse and Gupta 2013
		Wilkinsonellus narangahus Rousse & Gupta, 2013	Unknown	Rousse and Gupta 2013
	Opiinae	*Diachasmimorpha fullawayi* (Silvestri, 1913)	*Ceratitis capitata*	Quilici et al. 2003
		Diachasmimorpha tryoni (Cameron, 1911)	Diptera, Tephritidae	Hurtrel et al. 1999
		Fopius arisanus (Sonan, 1932)	Diptera, Tephritidae	Quilici et al. 2003
		Opius dissitus Muesebeck, 1963	Diptera, Agromyzidae	Vayssières et al. 2001
		Opius (*Utetes*) *coriacitergum* Fischer, 2014	Diptera Cyclorrhapha	Fischer 2014
		Opius (*Tolbia*) *karlmayi* Fischer, 2014	Diptera Cyclorrhapha	Fischer 2014
		Opius (*Gastrosema*) *laticrenis* Fischer, 2014	Diptera Cyclorrhapha	Fischer 2014
		Opius (*Opius*) *raoiformis* Fischer, 2014	Diptera Cyclorrhapha	Fischer 2014
		Opius (*Utetes*) *semipilosus* Fischer, 2014	Diptera Cyclorrhapha	Fischer 2014
		Opius (*Gastrosema*) *waterloti* Granger, 1949	Diptera Cyclorrhapha	Fischer and Madl 2008
		Psyttalia cosyrae [1] (Wilkinson, 1927)	*Dacus* sp.	–

Familly	Subfamilly	Genus / Species	General host information	Recorded from
BRACONIDAE	Opiinae	*Psyttalia distinguenda* (Granger, 1949)	Diptera Cyclorrhapha	Wharton et al. 1999
		Psyttalia fletcheri (Sylvestri, 1916)	Diptera Cyclorrhapha	Hurtrel et al. 1999
		Psyttalia insignipennis (Granger, 1949)	*Ceratitis capitata Ceratitis catoirii Neoceratitis cyanescens*	Wharton et al. 1999
		Psyttalia phaeostigma (Wilkinson, 1927)	*Dacus ciliatus Dacus demmerezi*	Fischer 1987
		Psyttalia sanctamarina (Fischer, 1980)	*Spathulina aroleuca*	Fischer 1980
		Psyttalia subsulcata (Granger, 1949)	*Spathulina aroleuca*	Fischer and Madl 2008
ICHNEUMONIDAE	Banchinae	*Himertosoma bebourensis* (Benoit, 1957)	Lepidoptera, Tortricidae, Gelechiidae	Benoit 1957
		Himertosoma striata (Seyrig, 1932)	Lepidoptera, Tortricidae, Gelechiidae	Rousse and Villemant 2012
	Campopleginae	*Campoplex techer* Rousse & Villemant, 2012	Lepidoptera, Coleoptera or Hymenoptera	Rousse and Villemant 2012
		Diadegma insulare (Cresson, 1865)	Lepidoptera, Plutellidae, Pyralidae	Rousse and Villemant 2012
		Diadegma mollipla (Holmgren, 1868)	Lepidoptera, Plutellidae, Gelechiidae	Vayssières et al. 2001
		Dusona douraguia Rousse & Villemant, 2012	Symphyta or Lepidoptera	Rousse and Villemant 2012
		Dusona pauliani (Benoit, 1957)	Symphyta or Lepidoptera	Rousse and Villemant 2012
		Enytus huet Rousse & Villemant, 2012	Lepidoptera, Coleoptera or Hymenoptera	Rousse and Villemant 2012
		Eriborus cadjee Rousse & Villemant, 2012	Unknown.	Rousse and Villemant 2012
		Eriborus pallipes (Brullé, 1846)	Unknown.	Rousse and Villemant 2012
		Hyposoter reunionis (Benoit, 1957)	Lepidoptera, Coleoptera or Hymenoptera	Benoit 1957
		Venturia canescens (Gravenhorst, 1829)	Lepidoptera	Rousse and Villemant 2012
		Xanthocampoplex huberti Rousse & Villemant, 2012	Lepidoptera, Gracillariidae, Pyralidae	Rousse and Villemant 2012
	Cremastinae	*Pristomerus rivier* Rousse & Villemant, 2012	*Plutella xylostella*, *Prophantis smaragdina*	Rousse and Villemant 2012
		Temelucha basiornata (Cameron, 1911)	Diptera, Diopsidae	Rousse and Villemant 2012
		Temelucha labusi Rousse & Villemant, 2012	Lepidoptera	Rousse and Villemant 2012
	Cremastinae	*Temelucha minuta* (Morley, 1912)	Lepidoptera	Rousse and Villemant 2012

Familly	Subfamilly	Genus / Species	General host information	Recorded from
ICHNEUMONIDAE	**Cremastinae**	*Temelucha pestifer* (Morley, 1913)	Lepidoptera	Benoit 1957
		Temelucha talibarti Rousse, Villemant & Seyrig, 2011	Lepidoptera	Rousse and Villemant 2012
		Temelucha sp. 1	Lepidoptera	Rousse and Villemant 2012
		Temelucha sp. 2	Lepidoptera	Rousse and Villemant 2012
		Trathala annulicornis (Tosquinet, 1896)	*Leucinodes orbonalis*	Rousse and Villemant 2012
		Trathala flavoorbitalis (Cameron, 1907)	*Leucinodes orbonalis*	Rousse and Villemant 2012
	Cryptinae	*Acrolyta dindar* Rousse & Villemant, 2012	Unknown.	Rousse and Villemant 2012
		Diatora albiscapus (Seyrig, 1952)	*Apanteles*	Rousse and Villemant 2012
		Paraphylax mussar Rousse & Villemant, 2012	*Heliothis armigera*	Rousse and Villemant 2012
		Paraphylax transversatoria (Seyrig, 1952)	*Heliothis armigera*	Rousse and Villemant 2012
		Phygadeuon nativel Rousse & Villemant, 2012	*Musca domestica* *Rhagoletis cerasi*	Rousse and Villemant 2012
	Diplazontinae	*Diplazon laetatorius* (Fabricius, 1781)	Diptera, Syrphidae	Saussure 1892
	Ichneumoninae	*Crytea albitrochanterata* (Heinrich, 1938)	*Aletia pallens* *Despressaria heracliana*	Rousse and Villemant 2012
		Ichneumon unicinctus Brullé, 1846	Lepidoptera, Noctuidae, Amphipyrinae	Rousse and Villemant 2012
	Mesochorinae	*Mesochorus cariniferus* Benoit, 1955	*Phryganidia california*	Rousse and Villemant 2012
		Mesochorus sp.	*Phryganidia california*	Rousse and Villemant 2012
	Metopiinae	*Triclistus aitkeni* (Cameron, 1897)	Unknown.	Rousse and Villemant 2012
	Ophioninae	*Enicospilus angustatus* (Brullé, 1846)	Lepidoptera	Bordage 1914
		Enicospilus betanimenus (de Saussure, 1892)	Lepidoptera, Noctuidae	Rousse and Villemant 2012
		Enicospilus dolosus (Tosquinet, 1896)	Lepidoptera, Noctuidae, Crambidae	Rousse and Villemant 2012
		Enicospilus dubius (Tosquinet, 1896)	Lepidoptera, Noctuidae, Plusiidae	Rousse and Villemant 2012
		Eniscopilus grandiflavus Townes, 1973	Lepidoptera	Rousse and Villemant 2012
		Enicospilus helvolus Gauld & Mitchell, 1978	*Anomis leona*	Rousse and Villemant 2012
		Enicospilus hova Gauld & Mitchell, 1978	Lepidoptera	Gauld and Mitchell 1978

Familly	Subfamilly	Genus / Species	General host information	Recorded from
ICHNEUMONIDAE	Ophioninae	*Enicospilus mauritii* (de Saussure, 1892)	Lepidoptera	Bordage 1914
		Enicospilus rufus (Brullé, 1846)	*Ctenoplusia limbirena Trigonodes hyppasia*	Benoit 1957
		Enicospilus ruscus Gauld & Mitchell, 1978	Lepidoptera, Noctuidae	Rousse and Villemant 2012
		Enicospilus sesamiae Delobel, 1974	Lepidoptera, Brachodidae, Noctuidae	Zwart 1998
		Enicospilus transvaalensis Cameron, 1911	*Mythimna* sp. *Sesamia calamistis*	Rousse and Villemant 2012
		Enicospilus vitry Rousse & Villemant, 2012	Lepidoptera	Rousse and Villemant 2012
	Orthocentrinae	*Megastylus vagabundus* Seyrig, 1934	Diptera or Hymenoptera	Rousse and Villemant 2012
		Orthocentrus urbanus Seyrig, 1934	Diptera, Coleoptera or Hymenoptera	Rousse and Villemant 2012
		Pantisarthrus isolatus (Benoit, 1957)	Unknown.	Benoit 1957
		Proclitus ligatus (Seyrig, 1934)	Diptera or Lepidoptera	Rousse and Villemant 2012
		Stenomacrus payet Rousse & Villemant, 2012	Unknown.	Rousse and Villemant 2012
		Tariqia stellaris Rousse & Villemant, 2012	Unknown.	Rousse and Villemant 2012
	Pimplinae	*Echthromorpha spinator* (Fabricius, 1798)	*Nagia linteola*	Rousse and Villemant 2012
		Itoplectis albipes Seyrig, 1932	Unknown.	Rousse and Villemant 2012
		Xanthophenax defector Seyrig, 1932	*Hypsipyla scabruscelella*	Rousse and Villemant 2012
		Xanthophenax pacificator Seyrig, 1932	*Hypsipyla scabruscelella*	Rousse and Villemant 2012
		Xanthophenax xanthomelas (Brullé, 1846)	*Hypsipyla scabruscelella*	Rousse and Villemant 2012
		Xanthopimpla stemmator (Thunberg, 1824)	Lepidoptera, Pyralidae	Kfir et al. 2002
		Zatypota inexpectata Seyrig, 1932	Araneae or Lepidoptera	Rousse and Villemant 2012
	Tersilochinae	*Aneuclis larga* Khalaim, 2009	Unknown.	Rousse and Villemant 2012
		Diaparsis ramassamy Rousse & Villemant, 2012	Coleoptera, Symphyta	Rousse and Villemant 2012
	Tryphoninae	*Netelia melanopus* (Brullé 1846)	Lepidoptera, Tortricidae, Pyralidae, Noctuidae	Saussure 1892
		Netelia sp.	Lepidoptera	Rousse and Villemant 2012

[1] Fischer (1987) recorded it from Reunion, because «Réunion, Mayotte» is indicated on the label

Superfamily: CHALCIDOIDEA
Family: AGAONIDAE
Subfamily: Agaoninae

Genus: *Elisabethiella* Grandi, 1928
Elisabethiella reflexa Wiebes, 1975
Recorded from: Wiebes 1975
Host information: *Ficus reflexa* Thunb. (Moraceae) and *Ficus aldabrensis* Baker C.C. Berg (Wiebes 1975)

Genus: *Nigeriella* Wiebes, 1974
Nigeriella avicola Wiebes, 1975
Recorded from: Wiebes 1975
Host information: *Ficus rubra* Vahl (Moraceae) (Wiebes 1975)

Genus: *Platyscapa* Motschoulsky, 1863
Platyscapa etiennei Wiebes, 1977
Recorded from: Wiebes 1977
Host information: *Ficus salicifolia* Vahl (Moraceae) (Wiebes 1977)

Subfamily: Kradibiinae

Genus: *Ceratosolen* Mayr, 1885
Ceratosolen coecus (Coquerel, 1855)
Recorded from: Coquerel 1855
Host information: *Ficus mauritiana* Lam. (Moraceae) (Coquerel 1855)

Genus: *Kradibia* Saunders, 1883
Kradibia etiennei Wiebes, 1990
Recorded from: Wiebes and Gompton 1990
Host information: *Ficus lateriflora* Vahl (Moraceae) (Wiebes and Gompton 1990)

Subfamily: Sycophaginae

Genus: *Sycophaga* Westwood, 1840
Sycophaga explorator (Coquerel, 1855)
Recorded from: Coquerel 1855
Host information: Unknown. But *Sycophaga* are parasites of figs (Coquerel 1855)

Family: APHELINIDAE

Subfamily: Aphelininae

Genus: *Aphelinus* Dalman, 1820
Aphelinus asychis Walker, 1839
Recorded from: Vayssières et al. 2001
Host information: Hemiptera, Aphididae (Vayssières et al. 2001)

Aphelinus gossypii Timberlake, 1924
Recorded from: Quilici et al. 2003
Host information: Aphididae (Hemiptera) (Vayssières et al. 2001)

Aphelinus mariscusae (Risbec, 1957)
Recorded from: Risbec 1957
Host information: Aphididae (Hemiptera) and particularly *Micromyzus* (*Kugegania*) *ageni* (Polaszek and Hayat 1989)

Aphelinus varipes (Förster, 1841)
Recorded from: Vayssières et al. 2001
Host information: Aphididae (Hemiptera) (Vayssières et al. 2001)

Genus: *Aphytis* Howard, 1900
Aphytis africanus Quednau, 1964
Recorded from: Quilici et al. 2003
Host information: *Aonidiella aurantii* (Hemiptera, Diaspididae) (Triapitsyn and Kim 2008)

Aphytis coheni DeBach, 1960
Recorded from: Quilici et al. 2003
Host information: *Aspidiotus nerii* (Hemiptera, Diaspididae) (Triapitsyn and Kim 2008)

Aphytis holoxanthus DeBach, 1960
Recorded from: Quilici et al. 2003
Host information: *Chrysomphalus aonidum* (Hemiptera, Diaspididae) (Triapitsyn and Kim 2008)

Aphytis lepidosaphes Compere, 1955
Recorded from: Quilici et al. 2003
Host information: *Lepidosaphes beckii* (Hemiptera, Diaspididae) (Triapitsyn and Kim 2008)

Aphytis lignanensis Compere, 1955
Recorded from: Quilici et al. 2003
Host information: *Aonidiella aurantii*, *Pseudaulacaspis pentagona* (Hemiptera, Diaspididae) (Luck and Podoler 1985)

Aphytis melinus DeBach, 1959
Recorded from: Quilici et al. 2003
Host information: *Aonidiella aurantii* (Hemiptera, Diaspididae) (Luck and Podoler 1985)

Genus: *Marietta* Motschulsky, 1863
Marietta leopardina Motschulsky, 1863
Recorded from: Quilici et al. 2003
Host information: Hyperparasitoid of 48 hemiptera and scales parasitic hymenoptera species (Shabaan 2003)

Subfamily: Calesinae

Genus: *Cales* Howard, 1907
Cales noacki Howard, 1907
Recorded from: Etienne 1977
Host information: *Aleurothrixus floccosus*, (Miret and Garcia-Marì 2001) *Aleurotrachelus atratus* (Borowiec et al. 2007) (Hemiptera, Aleyrodidae)

Subfamily Coccophaginae

Genus: *Coccophagus* Westwood, 1833
Coccophagus ceroplastae (Howard, 1985)
Recorded from: Quilici et al. 2003
Host information: *Coccus viridis*, *Coccus hesperidum*, *Saissetia coffeae*, *Ceroplastes* spp., *Pulvinaria psidii*, *Pulvinaria polygonata* (Hemiptera, Coccoidea), scales and mealybugs belonging to Diaspididae and Pseudococcidae (Hemiptera) have also been recorded as hosts (Hayat 1998)

Coccophagus cowperi Girault, 1917
Recorded from: Quilici et al. 2003
Host information: *Saissetia oleae* (Clausen 1956), *Saissetia coffeae* (Shabaan 2005) (Hemiptera, Coccidae)

Coccophagus rusti Compere, 1928
Recorded from: Quilici et al. 2003
Host information: *Saissetia oleae* (Hemiptera, Coccidae) (Daane et al. 1991)

Genus: *Encarsia* Förster, 1878
Encarsia acaudaleyrodis Hayat, 1976
Recorded from: Vayssières et al. 2001
Host information: *Acaudaleyrodes rachipora*, *Tetraleurodes leguminicola*, *Bemisia tabaci* (Hemiptera, Aleyrodidae) (Ghahari et al. 2011)

Encarsia brasiliensis (Hempel, 1904)
Recorded from: Vayssières et al. 2001
Host information: *Aleurodicus dispersus Bemisia tabaci*, *Lecanoideus floccissimus Trialeurodes vaporarium* (Homoptera, Aleyrodidae) (Magnet and Onillon 1997, Hernandez-Suarez et al. 2000)

Encarsia citrina (Craw, 1891)
Recorded from: Vayssières et al. 2001
Host information: Several Coccoidae (Hemiptera) (Viggiani 1987)

Encarsia diaspidicola (Silvestri, 1909)
Recorded from: Quilici et al. 2003
Host information: *Pseudaulacaspis pentagona* (Hemiptera, Diaspididae) (Liebregts et al. 1989)

Encarsia formosa Gahan, 1924
Recorded from: Vayssières et al. 2001
Host information: About 20 species in 8 genera of Aleyrodidae (Hemiptera) (Polaszek et al. 1992, Schauff et al. 1996)

Encarsia lounsburyi (Berlese & Paoli, 1916)
Recorded from: Quilici et al. 2003
Host information: *Parlatoria ziziphi*, *Aonidiella citrina* and *Parlatoria pergandii* (Hemiptera, Coccoidae) (Ghahari et al. 2004)

Encarsia luteola Howard, 1895
Recorded from: Vayssières et al. 2001
Host information: *Bemisia argentifolii*, *Bemisia tabaci* (Hemiptera, Aleyrodidae) (Gerling et al. 1987, Heinz and Parrella 1994)

Encarsia nigricephala Dozier, 1937
Recorded from: Vayssières et al. 2001
Host information: *Trialeurodes abulitonius*, *Trialeurodes floridensis*, *Trialeurodes vaporariorum* (Polaszek et al. 1999)

Encarsia perniciosi (Tower, 1913)
Recorded from: Quilici et al. 2003
Host information: *Quadraspidiotus perniciosus* (Baroffio 1997)

Encarsia sophia (Girault & Dodd, 1915)
Recorded from: Vayssières et al. 2001
Host information: *Bemisia tabaci*, *Trialeurodes vaporarium* (Hemiptera, Aleyrodidae) (Vayssières et al. 2001, Luo and Liu 2011)

Encarsia tabacivora Viggiani, 1985
Recorded from: Vayssières et al. 2001
Host information: 14 species from 9 genera of Aleyrodidae (Hemiptera) (Polaszek et al. 1992, Schauff et al. 1996)

Subfamily: Eretmocerinae

Genus: *Eretmocerus* Haldeman, 1850
Eretmocerus hayati Zolnerowich & Rose, 1998
Recorded from: Vayssières et al. 2001
Host information: *Bemisia tabaci*, *Trialeurodes vaporarium* (Hemiptera, Aleyrodidae) (Vayssières et al. 2001)

Eretmocerus mundus Mercet, 1931
Recorded from: Vayssières et al. 2001
Host information: *Bemisia argentifolii* (Hemiptera, Aleyrodidae) (Walker et al. 1999), *Bemisia tabaci*, *Trialeurodes vaporarium* (Hemiptera, Aleyrodidae) (Vayssières et al. 2001)

Family: CHALCIDIDAE
Subfamily: Chalcidinae

Genus: *Brachymeria* Westwood, 1829
Brachymeria nephantidis Gahan, 1930
Recorded from: Ramage et al. 2011
Host information: *Nephantis serinopa* (Lepidoptera, Xyloricitidae) (Joy et al. 1978), *Corcyra cephalonica* (Lepidoptera, Pyralidae) (Kapadia 1999)

Brachymeria podagrica (Fabricius, 1787)
Recorded from: Ramage et al. 2011
Host information: Moths in several families and Calyptrate Diptera such as: *Chrysomya albiceps* (Diptera, Calliphoridae) (Marchiori et al. 2002a) and *Sarcodexia lambens* (Diptera, Sarcophagidae) (Marchiori et al. 2002b)

Subfamily: Dirhinae

Genus: *Dirhinus* Dalman, 1818
Dirhinus galesusaeformis (Risbec, 1957)
Recorded from: Risbec 1957
Host information: Unknown

Dirhinus giffardii Silvestri, 1913
Recorded from: Vayssières et al. 2001
Host information: Diptera, Tephritidae (Noyes 2013)

Dirhinus himalayanus Westwood, 1836
Recorded from: Ramage et al. 2011
Host information: *Sarcophaga bullata* (Diptera, Sarcophagidae), *Hydrotaea aenescens*, *Stomoxys calcitrans*, and *Musca dometica* (Diptera, Muscidae) (Geden et al. 2006, Srinivasan and Amalraj 2003). *Dirhinus hymalayanus* is also a parasitoid of some Tephritidae (Diptera) pupae (Grissell and Schauff 1990, Sivinsky et al. 1997)

Subfamily: Epitraninae

Genus: *Epitranus* Walker, 1834
Epitranus erythrogaster Cameron, 1888
Recorded from: Ramage et al. 2011
Host information: *Corcyra cephalonica* (Lepidoptera, Pyralidae) (Boucek 2007)

Epitranus evanioides (Westwood, 1835)
Recorded from: Ramage et al. 2011
Host information: Unknown

Subfamily: Haltichellinae

Genus: *Antrocephalus* Kirby, 1883
Antrocephalus crassipes Masi, 1940
Recorded from: Ramage et al. 2011
Host information: Unknown

Antrocephalus dividens (Walker, 1860)
Recorded from: Ramage et al. 2011
Host information: Unknown

Genus: *Hockeria* Walker, 1834
Hockeria fulvipes Masi, 1917
Recorded from: Ramage et al. 2011
Host information: Unknown

Genus: *Proconura* Dodd, 1915
Proconura eublemmae (Steffan, 1951)
Recorded from: Ramage et al. 2011
Host information: *Eublemma gayneri* (Lepidoptera, Noctuidae) (Gahukar 1981)

Family: ENCYRTIDAE
Subfamily: Encyrtinae

Genus: *Ageniaspis* Dahlbom, 1857
Ageniaspis citricola Logvinovskaya, 1983
Recorded from: Quilici et al. 2003
Host information: *Phyllocnistis citrella* (Lepidoptera, Gracillariidae) (Edward and Hoy 1998, Hoy and Jessey 2004)

Ageniaspis fuscicallis (Dalman, 1920)
Recorded from: Quilici et al. 2003
Host information: *Yponomeuta malinellus* (Lepidoptera, Yponomeutidae) (Kuhlmann et al. 1998), *Acrolepia assectella* (Lepidoptera, Acrolepiidae) (Pralavorio et al. 1977)

Genus: *Aloencyrtus* Prinsloo, 1978
Aloencyrtus obscuratus (Waterston, 1917)
Recorded from: Quilici et al. 2003
Host information: Unknown. But *Aloencyrtus* appear to be exclusively parasitic in Coccidae (Hemiptera) (Prinsloo 2010)

Genus: *Arrhenophagus* Aurivillius, 1888
Arrhenophagus chionaspidis Aurivillius, 1888
Recorded from: Quilici et al. 2003
Host information: *Pseudaulacaspis pentagona* (Hemiptera, Diaspididae) (Kreiter et al. 2000, Goebel 1987)

Genus: *Cheiloneurus* Westwood, 1833
Cheiloneurus cyanonotus Waterston, 1917
Recorded from: Risbec 1957
Host information: *Phenacoccus manihoti* (Hemiptera, Pseudococcidae) (Fabres and Matile-Ferrero 1986)

Genus: *Comperiella* Howard, 1906
Comperiella bifasciata Howard, 1906
Recorded from: Quilici et al. 2003
Host information: *Aonidiella citrina*, *Aonidiella aurantii*, *Aspidiotus destructor* (Hemiptera, Diaspididae) (Flanders 1944, Tandon and Srivastava 1980)

Genus: *Copidosoma* Ratzeburg, 1844
Copidosoma koehleri Blanchard, 1940
Recorded from: Vayssières et al. 2001
Host information: *Phtorimea operculella* (Lepidoptera, Gelechiidae) (Dalaya and Patil 1973)

Genus: *Diaphorencyrtus* Hayat, 1981
Diaphorencyrtus aligarhensis (Shafee, Alam & Agarwal, 1975)
Recorded from: Quilici et al. 2003
Host information: *Diaphorina citri* (Hemiptera, Psyllidae) (Prinsloo 1985, Hoy and Nguyen 1998)

Genus: *Habrolepis* Förster, 1856
Habrolepis rouxi Compere, 1936
Recorded from: Quilici et al. 2003
Host information: *Anonidiella aurantii* (Hemiptera, Diaspididae) (Flanders 1942)

Genus: *Homalotylus* Mayr, 1876
Homalotylus eytelweinii (Ratzeburg, 1844)
Recorded from: Delpoux et al. 2013
Host information: Coccinellidae (Coleoptera) from the tribes Coccinellini, Chilocorini, and Psylloborini (Kuznetsov 1975, 1987, Trjapitzin 2011)

Genus: *Metaphycus* Mercet, 1917
Metaphycus galbus Annecke, 1964
Recorded from: Quilici et al. 2003
Host information: *Protopulvinaria pyriformis* (Hemiptera, Coccidae) (Robertson and De Villiers 1986)

Genus: *Microterys* Thomson, 1876
Microterys nietneri (Motschulsky, 1859)
Recorded from: Quilici et al. 2003
Host information: Hemiptera, Coccidae especially on citrus (Triapitsyn et al. 2008)

Genus: *Psyllaephagus* Ashmead, 1900
Psyllaephagus pulvinatus (Waterston, 1922)
Recorded from: Aubert 1975
Host information: *Trioza eryteae* (Homoptera, Psyllidae) (MacDaniel and Moran 1972)

Genus: *Syrphophagus* Ashmead, 1900
Syrphophagus africanus (Gahan, 1932)
Recorded from: Vayssières et al. 2001
Host information: Hyperparasitoid of some aphid parasitoids (e.g. *Lysiphlebus testaceipes*, *Phelinus ficusae*) (Saethre et al. 2011)

Subfamily: Tetracneminae

Genus: *Coccidoxenoides* Girault, 1915
Coccidoxenoides perminutus Girault, 1915
Recorded from: Quilici et al. 2003
Host information: *Planococcus ficus* (Hemiptera, Pseudococcidae) (Walton and Pringle 2005)

Family: EULOPHIDAE
Subfamily: Entedoninae

Genus: *Chrysocharis* Förster, 1856
Chrysocharis bedius (Walker, 1842)
Recorded from: Vayssières et al. 2001
Host information: *Liriomyza* species (Diptera, Agromyzidae) (Vayssières et al. 2001)

Chrysocharis sp.
Recorded from: Vayssières et al. 2001
Host information: *Liriomyza* species (Diptera, Agromyzidae) (Vayssières et al. 2001)

Genus: *Chrysonotomyia* Ashmead, 1904
Chrysonotomyia pulcherrima (Kerrich, 1970)
Recorded from: Quilici et al. 2003
Host information: *Procontarinia matteiana* (Diptera, Cecidomyiidae) (Sankaran and Mjeni 1985)

Genus: *Neochrysocharis* Kurdjumov, 1912
Neochrysocharis formosa (Westwood, 1833)
Recorded from: Vayssières et al. 2001
Host information: *Liriomyza* species (Diptera, Agromyzidae) (Vayssières et al. 2001)

Neochrysocharis sp.
Recorded from: Vayssières et al. 2001
Host information: *Liriomyza* species (Diptera, Agromyzidae) (Vayssières et al. 2001)

Genus: *Platocharis* Kerrich, 1969
Platocharis coffeae (Ferrière, 1936)
Recorded from: Kerrich 1969
Host information: Coffee leaf-miners (*Leucoptera* spp.) (Kerrich 1969)

Subfamily: Eulophinae

Genus: *Cirrospilus* Westwood, 1832
Cirrospilus cinctiventris Ferrière, 1936
Recorded from: Quilici et al. 2003
Host information: Leaf-miners from genus *Leucoptera* (Lepidoptera, Lyonetiidae) (Ferrière 1936)

Cirrospilus crowei Kerrich, 1969
Recorded from: Quilici et al. 2003
Host information: *Phyllocnistis citrella* (Lepidoptera, Gracillariidae) (Schauff et al. 1998)

Genus: *Elachertus* Spinola, 1811
Elachertus insularis (Risbec, 1957).
Recorded from: Risbec 1957
Host information: Unknown

Genus: *Elasmus* Westwood, 1833
Elasmus masii Ferrière, 1929
Recorded from: Risbec 1957
Host information: Recorded as both, primary and secondary parasitoid of Lepidoptera (Noyes and Yu 2012)

Genus: *Euplectrus* Westwood, 1832
Euplectrus bebourensis Risbec, 1957
Recorded from: Risbec 1957
Host information: Unknown. But *Euplectrus* are parasitoid of Lepidoptera larvae (Schauff and Janzen 2001)

Genus: *Hamonia* Risbec, 1957
Hamonia reunionensis Risbec, 1957
Recorded from: Risbec 1957
Host information: Unknown

Hamonia sexdentata Risbec, 1957
Recorded from: Risbec 1957
Host information: Unknown

Hamonia sylvatica Risbec, 1957
Recorded from: Risbec 1957
Host information: Unknown

Genus: *Hemiptarsenus* Westwood, 1833
Hemiptarsenus varicornis Girault, 1913
Recorded from: Vayssières et al. 2001
Host information: *Liriomyza trifolii* and other *Liriomyza* species (Diptera, Agromyzidae) (Arakaki and Kinjo 1998, Vayssières et al. 2001)

Genus: *Notanisomorphella* Girault, 1913
Notanisomorphella borborica (Giard, 1903)
Recorded from: Quilici et al. 2003
Host information: Leaf-miners from genus *Leucoptera* (Lepidoptera, Lyonetiidae) (Ferrière 1936)

Genus: *Stenomesius* Westwood, 1833
Stenomesius belouvi (Risbec, 1957)
Recorded from: Risbec 1957
Host information: Unknown

Stenomesius masii (Risbec, 1957)
Recorded from: Risbec 1957
Host information: Unknown

Subfamily: Tetrastichinae

Genus: *Aprostocetus* Westwood, 1833
Aprostocetus ceroplastae (Girault, 1916)
Recorded from: Quilici et al. 2003
Host information: *Ceroplastes destructor* (Hemiptera, Coccidae) (Wakgari and Giliomee 2001)

Aprostocetus toddaliae (Risbec, 1958)
Recorded from: Quilici et al. 2003
Host information: *Ceroplastes rusci* (Hemiptera, Coccidae) (Talebi et al. 2011)

Genus: *Gyrolasia* Förster, 1856
Gyrolasia hellburgi (Risbec, 1957)
Recorded from: Risbec 1957
Host information: Unknown

Genus: *Nesolynx* Ashmead, 1905
Nesolynx phaeosoma (Waterston, 1915)
Recorded from: Quilici et al. 2003
Host information: Hyperparasitoid on *Nephopterix beharella* (Lepidoptera, Pyralidae) (Quilici et al. 2003)

Genus: *Oomyzus* Rondani, 1870
Oomyzus sokolowskii (Kurdjumov, 1912)
Recorded from: Vayssières et al. 2001
Host information: *Plutella xylostella* (Lepidoptera, Yponomeutoidea) (Vayssières et al. 2001)

Genus: *Quadrastichus* Girault, 1913
Quadrastichus erythrinae Kim, 2004
Recorded from: Kim et al. 2004
Host information: Gall-inducer on *Erythrina* (Kim et al. 2004)

Genus: *Tamaraxia* Mercet, 1924
Tamaraxia dryi (Waterston, 1922)
Recorded from: Etienne and Aubert 1980

Host information: Ectoparasitoid of Psyllid larvae (Hemiptera, Psyllidae) (Quilici et al. 2003)

Tamaraxia radiata (Waterston, 1922)
Recorded from: Aubert et al. 1979
Host information: Ectoparasitoid of Psyllid larvae (Hemiptera, Psyllidae) (Quilici et al. 2003)

Genus: *Tetrastichus* Haliday, 1844
Tetrastichus giffardianus Silvestri, 1915
Recorded from: Vayssières et al. 2001
Host information: Endoparasitoids of several Tephritid larvae (Diptera) (Clausen et al. 1965)

Tetrastichus gyrolasiaeformis Risbec, 1957
Recorded from: Risbec 1957
Host information: Unknown

Tetrastichus sesamiae Risbec, 1951
Recorded from: Risbec 1957
Host information: Parasitoid of Lepidoptera (Noyes and Yu 2012)

Familiy: EUPELMIDAE
Subfamily: Eupelminae

Genus: *Eupelmus* Dalman, 1820
Eupelmus sp.
Recorded from: Vayssières et al. 2001
Host information: Unknown. But *Eupelmus* can be extremely polyphagous (Gibson 2011)

Familiy: EURYTOMIDAE

Subfamily: Eurytominae
Genus: *Eurytoma* Illiger, 1807
Eurytoma ivohibei Risbec, 1957
Recorded from: Risbec 1957
Host information: Unknown

Eurytoma reunionensis Risbec, 1957
Recorded from: Risbec 1957
Host information: Unknown

Familiy: ORMYRIDAE

Genus: *Ormyrus* Westwood, 1832
Ormyrus australis Risbec, 1957
Recorded from: Risbec 1957
Host information: Unknown

Family: PTEROMALIDAE
Subfamily: Eunotinae

Genus: *Mesopeltita* Ghesquière, 1946
Mesopeltita truncatipennis (Waterston, 1917)
Recorded from: Quilici et al. 2003
Host information: *Ceroplastes* sp., *Saissetia oleae*, *Saissetia somereni* and *Saissetia* sp. (Hemiptera, Coccidae) (Myartseva et al. 2004)

Genus: *Moranila* Cameron, 1883
Moranila californica (Howard, 1881)
Recorded from: Quilici et al. 2003
Host information: *Saissetia oleae*, *Ceroplastes floridensis* (Hemiptera: Coccidae) (Flanders 1958, Argov et al. 1992)

Subfamily: Miscogasterinae

Genus: *Halticoptera* Spinola, 1811
Halticoptera sp.
Recorded from: Vayssières et al. 2001
Host information: *Melanagromyza phaseoli*, *Liriomyza* spp. (Diptera, Agromyzidae) (Abul-Nasr and Assem 1968, Vayssières et al. 2001)

Subfamily: Pteromalinae

Genus: *Muscidifurax* Girault & Sanders, 1910
Muscidifurax raptor Girault & Sanders, 1910
Recorded from: Quilici et al. 2003
Host information: *Musca domestica*, *Stomoxys calcitrans* and other Synanthropic filth-breeding Diptera (Diptera, Muscidae) (Legner 1967, Zchori-Fein et al. 2000)

Muscidifurax uniraptor Kogan & Legner, 1970
Recorded from: Quilici et al. 2003
Host information: *Musca domestica*, *Stomoxys calcitrans* and other Synanthropic filth-breeding Diptera (Diptera, Muscidae) (Legner 1967, Zchori-Fein et al. 2000)

Genus: *Pachyneuron* Walker, 1833
Pachyneuron sp.
Recorded from: Vayssières et al. 2001
Host information: Unknown. But *Pachyneuron* are mostly Hyperparasitoid of Hemiptera, Aphididae, and some Diptera (Gibson 2001)

Pachyneuron longiradius Silvestri, 1915
Recorded from: Delvare G. unpublished determination (2013)
Host information: The identified *Dendrocerus* emerged from a specimen of *Rodolia chermesina* (Coleoptera, Coccinellidae) (Delvare 2013, unpublished data)

Genus: *Ploskana* Boucek, 1976
Ploskana tenuis Boucek, 1976
Recorded from: Vayssières et al. 2001
Host information: *Bactrocera cucurbitae* (Diptera, Tephritidae) (Vayssières et al. 2001)

Genus: *Pteromalus* Swederus, 1795
Pteromalus sp.
Recorded from: Vayssières et al. 2001
Host information: Unknown. But all species of *Pteromalus* are parasitoids of larvae and pupae of various holometabolous insects, for instance Lepidoptera, Coleoptera, gall forming Hymenoptera (Cynipidae, Tenthredinidae) and Diptera (Tephritidae) (Baur 2015)

Genus: *Spodophagus* Delvare & Rasplus, 1994
Spodophagus lepidopterae (Risbec, 1952)
Recorded from: Risbec 1952
Host information: *Spodoptera littoralis* (Lepidoptera, Noctuidae) (Risbec 1952, Delvare and Rasplus 1994)

Genus: *Trichomalopsis* Crawford, 1913
Trichomalopsis sp.
Recorded from: Vayssières et al. 2001
Host information: Diptera, Muscidae (Gibson and Floate 2001)

Subfamily: Spalangiinae

Genus: *Spalangia* Latreille, 1805
Spalangia endius Walker, 1839
Recorded from: Vayssières et al. 2001
Host information: *Musca domestica* (Diptera, Muscidae) (Ables and Shepard 1974), *Dacus ciliates* (Diptera, Tephritidae) (Vayssières et al. 2001)

Spalangia gemina Boucek, 1963
Recorded from: Vayssières et al. 2001
Host information: Diptera, Muscidae (Morgan et al. 1991), Tephritidae (Vayssières et al. 2001)

Spalangia seyrigi Risbec, 1952
Recorded from: Vayssières et al. 2001
Host information: *Dacus ciliatus* (Diptera, Tephritidae) (Vayssières et al. 2001)

Subfamily: Sycoecinae

Genus: *Seres* Waterston, 1919
Seres bouceki (Wiebes, 1981)
Recorded from: Wiebes 1981
Host information: *Ficus reflexa reflexa* Thunb. and *Ficus reflexa aldabrensis* (Baker) C.C. Berg (Wiebes 1981)

Subfamily: Sycoryctinae

Genus: *Apocrypta* Coquerel, 1855
Apocrypta perplexa Coquerel, 1855
Recorded from: Coquerel 1855
Host information: *Ficus mauritiana* Lam. (Moraceae) (Coquerel 1855)

Genus: *Sycoryctes* Mayr, 1885
Sycoryctes anceps Wiebes, 1981
Recorded from: Wiebes 1981
Host information: *Ficus densifolia* Miq. (Moraceae) (Wiebes 1981)

Sycoryctes caelebs Wiebes, 1975
Recorded from: Wiebes 1975
Host information: *Ficus densifolia* Miq. and *Ficus rubra* (Moraceae) (Wiebes 1981)

Sycoryctes comparabilis Wiebes, 1981
Recorded from: Wiebes 1981
Host information: *Ficus densifolia* Miq. (Moraceae) (Wiebes 1981)

Sycoryctes remus Wiebes, 1981
Recorded from: Bouček et al. 1981
Host information: *Ficus reflexa reflexa* Thunb. and *Ficus burkei* (Miq.) Miq. (Moraceae) (Bouček et al. 1981)

Genus: *Sycoscapter* Saunders, 1883
Sycoscapter gibbus Saunders, 1883
Recorded from: Saunders 1883
Host information: *Ficus politoria* Lam.and *Ficus lateriflora* Vahl (Moraceae) (Saunders 1883)

Sycoscapter tibialis Wiebes, 1981
Recorded from: Wiebes 1981
Host information: *Ficus rubra* Vahl (Moraceae) (Wiebes 1981)

Genus: *Philotrypesis* Förster, 1878
Philotrypesis cnephaea Wiebes, 1981
Recorded from: Wiebes 1981
Host information: *Ficus reflexa reflexa* Thunb. (Moraceae) (Wiebes 1981)

Genus: *Watshamiella* Wiebes, 1981
Watshamiella fictitia Wiebes, 1981
Recorded from: Wiebes 1981
Host information: *Ficus rubra* Vahl (Moraceae) (Wiebes 1981)

Watshamiella lucens Wiebes, 1981
Recorded from: Wiebes 1981
Host information: *Ficus densifolia* Miq. (Moraceae) (Wiebes 1981)

Family: SIGNIPHORIDAE

Genus: *Chartocerus* Motschulsky, 1859
Chartocerus sp.
Recorded from: Delvare G. unpublished determination (2013)
Host information: In 2013 *Dendrocerus wollastoni* emerged from a specimen of *Rodolia chermesina* (Coleoptera, Coccinellidae) in Reunion Island (Delvare 2013, unpublished data)

Family: TORYMIDAE
Subfamily: Megastigminae

Genus: *Megastigmus* Dalman, 1820
Megastigmus transvaalensis (Hussey, 1956)
Recorded from: Habeck et al. 1989
Host information: Develops on plants in the genera *Rhus* and *Schinus* (Anacardiaceae) (Hussey 1956, Habeck et al. 1989)

Family: TRICHOGRAMMATIDAE
Subfamily: Trichogrammatinae

Genus: *Trichogramma* Westwood, 1833
Trichogramma chilonis Ishii, 1941
Recorded from: Vayssières et al. 2001
Host information: *Plutella xylostella* (Lepidoptera, Plutellidae) (Vayssières et al. 2001)

Table 2. List of the Chalcidoidea recorded from Reunion Island.

Familly	Subfamilly	Genus / Species	General host information	Recorded from
AGAONIDAE	Agaoninae	*Elisabethiella reflexa* Wiebes, 1975	*Ficus reflexa* and *Ficus aldabrensis* (Moraceae)	Wiebes 1975
		Nigeriella avicola Wiebes, 1975	*Ficus rubra* (Moraceae)	Wiebes 1975
		Platyscapa etiennei Wiebes, 1977	*Ficus salicifolia* (Moraceae)	Wiebes 1977
	Kradibiinae	*Ceratosolen coecus* (Coquerel, 1855)	*Ficus mauritiana* (Moraceae)	Coquerel 1855
		Kradibia etiennei Wiebes, 1990	*Ficus lateriflora* (Moraceae)	Wiebes and Gompton 1990
	Sycophaginae	*Sycophaga explorator* (Coquerel, 1855)	Uknown Moraceae	Coquerel 1855

Familly	Subfamilly	Genus / Species	General host information	Recorded from
APHELINIDAE	**Aphelininae**	*Aphelinus asychis* (Walker, 1839)	Aphididae (Hemiptera)	Vayssières et al. 2001
		Aphelinus gossypii Timberlake, 1924	Aphididae (Hemiptera)	Quilici et al. 2003
		Aphelinus mariscusae (Risbec, 1957)	Aphididae (Hemiptera)	Risbec 1957
		Aphelinus varipes (Förster, 1841)	Aphididae (Hemiptera)	Vayssières et al. 2001
		Aphytis africanus (Quednau, 1964)	*Aonidiella aurantii* (Hemiptera: Diaspididae)	Quilici et al. 2003
		Aphytis coheni (DeBach, 1960)	*Aspidiotus nerii* (Hemiptera: Diaspididae)	Quilici et al. 2003
		Aphytis holoxanthus (DeBach, 1960)	Diaspididae (Hemiptera)	Quilici et al. 2003
		Aphytis lepidosaphes (Compere, 1955)	*Lepidosaphes beckii* (Hemiptera: Diaspididae)	Quilici et al. 2003
		Aphytis lignanensis (Compere, 1955)	*Aonidiella aurantii*, *Pseudaulacaspis pentagona* (Hemiptera: Diaspididae)	Quilici et al. 2003
		Aphytis melinus (DeBach, 1959)	*Aonidiella aurantii* (Hemiptera: Diaspididae)	Quilici et al. 2003
		Marietta leopardina (Motschulsky, 1863)	Hymenoptera	Quilici et al. 2003
	Calesinae	*Cales noacki* Howard, 1907	*Aleurotrachelus atratus*, *Aleurothrixus floccosus* (Hemiptera: Aleyrodidae)	Etienne 1977
	Coccophaginae	*Coccophagus ceroplastae* (Howard, 1985)	Coccoidae, Diaspididae or Pseudococcidae (Hemiptera)	Quilici et al. 2003
		Coccophagus cowperi (Girault, 1917)	*Saissetia* (Hemiptera: Coccidae)	Quilici et al. 2003
		Coccophagus rusti (Compere, 1928)	*Saissetia oleae* (Hemiptera: Coccidae)	Quilici et al. 2003
		Encarsia acaudaleyrodis Hayat, 1976	Aleyrodidae (Hemiptera)	Vayssières et al. 2001
		Encarsia brasiliensis (Hempel, 1904)	Aleyrodidae (Hemiptera)	Vayssières et al. 2001
		Encarsia citrina (Craw, 1891)	Coccoidae (Hemiptera)	Vayssières et al. 2001
		Encarsia diaspidicola (Silvestri, 1909)	*Pseudaulacaspis pentagona* (Hemiptera: Diaspididae)	Quilici et al. 2003
		Encarsia formosa Gahan, 1924	Aleyrodidae (Hemiptera)	Vayssières et al. 2001
		Encarsia lounsburyi (Berlese & Paoli, 1916)	Coccoidae (Hemiptera)	Quilici et al. 2003
		Encarsia luteola Howard, 1895	*Bemisia* (Hemiptera: Aleyrodidae)	Vayssières et al. 2001
		Encarsia nigricephala Dozier, 1937	*Trialeurodes* (Hemiptera: Aleyrodidae)	Vayssières et al. 2001
		Encarsia perniciosi (Tower, 1913)	*Quadraspidiotus perniciosus*	Quilici et al. 2003
		Encarsia sophia (Girault & Dodd, 1915)	*Bemisia tabaci*, *Trialeurodes vaporarium* (Hemiptera: Aleyrodidae)	Vayssières et al. 2001

Familly	Subfamilly	Genus / Species	General host information	Recorded from
APHELINIDAE	**Coccophaginae**	*Encarsia tabacivora* Viggiani, 1985	Aleyrodidae (Hemiptera)	Vayssières et al. 2001
	Eretmocerinae	*Eretmocerus hayati* (Zolnerowich & Rose, 1998)	*Bemisia tabaci*, *Trialeurodes vaporarium* (Hemiptera: Aleyrodidae)	Vayssières et al. 2001
		Eretmocerus mundus (Mercet, 1931)	*Bemisia argentifolii*, *Bemisia tabaci*,*Trialeurodes vaporarium* (Hemiptera: Aleyrodidae)	Vayssières et al. 2001
CHALCIDIDAE	**Chalcidinae**	*Brachymeria nephantidis* Gahan, 1930	*Nephantis serinopa* (Lepidoptera: Autostichidae), Corcyra cephalonica (Lepidoptera: Pyralidae)	Ramage et al. 2011
		Brachymeria podagrica (Fabricius, 1787)	Lepidoptera and Diptera	Ramage et al. 2011
		Dirhinus galesusaeformis (Risbec, 1957)	Unknown	Risbec 1957
		Dirhinus giffardii (Silvestri, 1913)	Tephritidae (Diptera)	Vayssières et al. 2001
		Dirhinus himalayanus Westwood, 1836	Some Diptera in: Tephritidae, Muscidae and Sarcophagidae	Ramage et al. 2011
	Epitraninae	*Epitranus erythrogaster* Cameron, 1888	*Corcyra cephalonica* (Lepidoptera: Pyralidae)	Ramage et al. 2011
		Epitranus evanioides (Westwood, 1835)	Unknown	Ramage et al. 2011
	Haltichellinae	*Anthrocephalus crassipes* (Masi, 1940)	Unknown	Ramage et al. 2011
		Anthrocephalus dividens (Walker, 1860)	Unknown	Ramage et al. 2011
		Hockeria fluvipes Masi, 1917	Unknown	Ramage et al. 2011
		Proconura eublemmae (Steffan, 1951)	*Eublemma gayneri* (Lepidoptera: Erebidae)	Ramage et al. 2011
ENCYRTIDAE	**Encyrtinae**	*Ageniaspis citricola* Logvinovskaya, 1983	*Phyllocnistis citrella* (Lepidoptera: Gracillaridae)	Quilici et al. 2003
		Ageniaspis fuscicallis (Dalman, 1920)	*Yponomeuta malinellus* (Lepidoptera: Yponomeutidae), Acrolepia assectella (lepidoptera: Acrolepidae)	Quilici et al. 2003
		Aloencyrtus obscuratus (Waterston, 1917)	Coccidae (Hemiptera)	Quilici et al. 2003
		Arrhenophagus chionaspidis (Aurivillius, 1888)	*Pseudaulacaspis pentagona* (Hemiptera: Diaspididae)	Quilici et al. 2003
		Cheiloneurus cyanonotus (Waterston, 1917)	*Phenacoccus manihoti* (Hemiptera: Pseudococcidae)	Risbec 1957
		Comperiella bifasciata (Howard, 1906)	Diaspididae (Hemiptera)	Quilici et al. 2003
		Copidosoma koelheri (Blanchard, 1940)	*Phtorimea operculella*	Vayssières et al. 2001
		Diaphorencyrtus aligarhensis (Shafee, Alam & Agarwal, 1975)	*Diaphorina citri* (Hemiptera: Psyllidae)	Quilici et al. 2003

Familly	Subfamilly	Genus / Species	General host information	Recorded from
ENCYRTIDAE	**Encyrtinae**	*Habrolepsis rouxi* (Compere, 1936)	*Aonidiella aurantii* (Hemiptera, Diaspididae)	Quilici et al. 2003
		Homalotylus eytelweinii (Ratzeburg, 1844)	Coccinellidae (Coleoptera)	Delpoux et al. 2013
		Metaphycus galbus (Annecke, 1964)	*Protopulvinaria pyriformis* (Hemiptera, Coccidae)	Quilici et al. 2003
		Microterys nietneri (Motschulsky, 1859)	Coccidae (Hemiptera)	Quilici et al. 2003
		Psyllaephagus pulvinatus (Waterson, 1922)	Psyllidae (Hemiptera)	Aubert 1975
		Syrphophagus africanus (Gahan, 1932)	Hyperparasitoid of aphid parasitoid	Vayssières et al. 2001
	Tetracneminae	*Coccidoxenoides perminutus* (Girault, 1915)	*Planococcus ficus* (Hemiptera: Pseudococcidae)	Quilici et al. 2003
EULOPHIDAE	**Entedoninae**	*Chrysocharis bedius* (Walker, 1842)	*Liriomyza* spp. (Diptera: Agromyzidae)	Vayssières et al. 2001
		Chrysocharis sp.	*Liriomyza* spp. (Diptera: Agromyzidae)	Vayssières et al. 2001
		Chrysonotomyia pulcherrima (Kerrich, 1970)	*Procontarinia matteiana* (Diptera: Cecidomyiidae)	Quilici et al. 2003
		Neochrysocharis formosus (Westwood, 1833)	*Liriomyza* spp. (Diptera: Agromyzidae)	Vayssières et al. 2001
		Neochrysocharis sp.	*Liriomyza* spp. (Diptera: Agromyzidae)	Vayssières et al. 2001
		Platocharis coffeae (Ferrière, 1936)	*Leucoptera* spp. (Lepidoptera: Lyonetiidae)	Ferrière 1936
	Eulophinae	*Cirrospilus cinctiventris* (Ferrière, 1936)	*Leucoptera* spp. (*Lepidoptera*: *Lyonetiidae*)	Quilici et al. 2003
		Cirrospilus crowei (Kerrich, 1969)	*Phyllocnistis citrella* (Lepidoptera: Gracillaridae)	Quilici et al. 2003
		Elachertus insularis (Risbec, 1957)	Unknown	Risbec 1957
		Elasmus masii Ferrière, 1929	(Hyper)Parasitoid of Lepidoptera	Risbec 1957
		Euplectrus bebourensis Risbec, 1957	Lepidoptera	Risbec 1957
		Hamonia reunionensis (Risbec, 1957)	Unknown	Risbec 1957
		Hamonia sexdentata (Risbec, 1957)	Unknown	Risbec 1957
		Hamonia sylvatica (Risbec, 1957)	Unknown	Risbec 1957
		Hemiptarsenus varicornis Girault, 1913	*Liriomyza* spp. (Diptera: Agromyzidae)	Vayssières et al. 2001
		Notanisomorphella borborica (Giard, 1903)	*Leucoptera* spp. (Lepidoptera: Lyonetiidae)	Quilici et al. 2003
		Stenomesius belouvi (Risbec, 1957)	Unknown	Risbec 1957
		Stenomesius masii (Risbec, 1957)	Unknown	Risbec 1957
	Tetrastichinae	*Aprostocetus ceroplastae* (Girault, 1916)	*Ceroplastes destructor* (Hemiptera, Coccidae)	Quilici et al. 2003
		Aprostocetus toddaliae (Risbec, 1958)	*Ceroplastes rusci* (Hemiptera, Coccidae)	Quilici et al. 2003
		Gyrolasia hellburgi (Risbec, 1957)	Unknown	Risbec 1957
		Nesolynx phaeosoma (Waterston, 1915)	*Epischnia beharella* (Lepidoptera: Pyralidae)	Quilici et al. 2003

Familly	Subfamilly	Genus / Species	General host information	Recorded from
EULOPHIDAE	Tetrastichinae	*Oomyzus sokolowskii* (Kurdjumov, 1912)	*Plutella xylostella* (Lepidoptera: Plutellidae)	Vayssières et al. 2001
		Quadrastichus erythrinae (Kim, 2004)	*Erythrina* (Fabales: Fabaceae)	Kim et al. 2004
		Tamaraxia dryi (Waterston, 1922)	Psyllidae (Hemiptera)	Etienne and Aubert 1980
		Tamaraxia radiata (Waterston, 1922)	Psyllidae (Hemiptera)	Aubert et al. 1979
		Tetrastichus giffardianus (Silvestri, 1915)	Tephritidae (Diptera)	Vayssières et al. 2001
		Tetrastichus gyrolasiaeformis (Risbec, 1957)	Unknown	Risbec 1957
		Tetrastichus sesamiae (Risbec, 1951)	Lepidoptera	Risbec 1957
EUPELMIDAE	Eupelminae	*Eupelmus* sp.	Extremely polyphagous	Vayssières et al. 2001
EURYTOMIDAE	Eurytominae	*Eurytoma ivohibei* (Risbec, 1957)	Unknown	Risbec 1957
		Eurytoma reunionensis (Risbec, 1957)	Unknown	Risbec 1957
ORMYRIDAE		*Ormyrus australis* Westwood, 1832	Unknown	Risbec 1957
PTEROMALIDAE	Eunotinae	*Mesopeltita truncatipennis* (Waterston, 1917)	Coccidae (Hemiptera)	Quilici et al. 2003
		Moranila californica (Howard, 1881)	*Saissetia oleae*, *Ceroplastes floridensis* (Hemiptera, Coccidae)	Quilici et al. 2003
	Miscogasterinae	*Halticoptera* sp.	*Melanagromyza phaseoli*, *Liriomyza* spp. (Diptera: Agromyzidae)	Vayssières et al. 2001
	Pteromalinae	*Muscidifurax raptor* (Girault & Sanders, 1910)	Muscidae (Diptera)	Quilici et al. 2003
		Muscidifurax uniraptor (Kogan &Legner, 1970)	Muscidae (Diptera)	Quilici et al. 2003
		Pachyneuron sp.	Extremely polyphagous	Vayssières et al. 2001
		Pachyneuron longiradius (Silvestri, 1915)	Coccinellidae (Coleoptera)	Delvare unpublished
		Ploskana tenuis (Boucek, 1976)	Tephritidae (Diptera)	Vayssières et al. 2001

Familly	Subfamilly	Genus / Species	General host information	Recorded from
PTEROMALIDAE	**Pteromalinae**	*Pteromalus* sp.	Extremely polyphagous	Vayssières et al. 2001
		Spodophagus lepidopterae (Risbec, 1952)	Noctuidae (Lepidoptera)	van Noort 2013
		Trichomalopsis sp.	Muscidae (Diptera)	Vayssières et al. 2001
	Spalangiinae	*Spalangia endius* (Walker, 1839)	*Musca domestica* (Diptera: Muscidae), *Dacus ciliatus* (Diptera: Tephritidae)	Vayssières et al. 2001
		Spalangia gemina Boucek, 1963	Muscidae, Tephritidae (Diptera)	Vayssières et al. 2001
		Spalangia seyrigi (Risbec, 1952)	*Dacus ciliatus* (Diptera: Tephritidae)	Vayssières et al. 2001
	Sycoecinae	*Seres bouceki* (Wiebes, 1981)	*Ficus reflexa reflexa* (Moraceae)	Wiebes 1981
	Sycoryctinae	*Apocrypta perplexa* Coquerel, 1855	*Ficus mauritiana* (Moraceae)	Coquerel 1855
		Sycoryctes anceps Wiebes, 1981	*Ficus densifolia* (Moraceae)	Wiebes 1981
		Sycoryctes caelebs Wiebes, 1975	*Ficus densifolia* (Moraceae)	Wiebes 1975
		Sycoryctes comparabilis Wiebes, 1981	*Ficus densifolia* (Moraceae)	Wiebes 1981
		Sycoryctes remus Wiebes, 1981	*Ficus reflexa reflexa* (Moraceae)	Bouček et al. 1981
		Sycoscapter gibbus Saunders, 1883	*Ficus politoria* and *Ficus lateriflora* (Moraceae)	Saunders 1883
		Sycoscpater tibialis Wiebes, 1981	*Ficus rubra* (Moraceae)	Wiebes 1981
		Philotrypesis cnephaea Wiebes, 1981	*Ficus reflexa reflexa* (Moraceae)	Wiebes 1981
		Watshamiella fictitia Wiebes, 1981	*Ficus rubra* (Moraceae)	Wiebes 1981
		Watshamiella lucens Wiebes, 1981	*Ficus densifolia* (Moraceae)	Wiebes 1981
SIGNIPHORIDAE	–	*Chartocerus* sp.	Coccinellidae (Coleoptera)	Delvare unpublished
TORYMIDAE	**Megastigminae**	*Megastigmus transvaalensis* (Hussey, 1956)	Anacardiaceae (Sapindales)	Habeck et al. 1989
TRICHOGRAMMATIDAE	**Trichogrammatinae**	*Trichogramma chilonis* (Ishii, 1941)	*Plutella xylostella* (Lepidoptera: Plutellidae)	Vayssières et al. 2001

Superfamily: CYNIPOIDEA
Family: FIGITIDAE
Subfamily: Charipinae

Genus: *Phaenoglyphis* Förster, 1869
Phaenoglyphis villosa (Hartig, 1841)
Recorded from: Evenhuis and Barbotin 1977
Host information: *Aphis nerii* (Hemiptera, Aphididae) (Evenhuis and Barbotin 1977), Hyperparasitoid of Aphididae (Hemiptera) via Aphidiinae (Hymenoptera, Braconidae) (Pujade-villar et al. 2007)

Subfamily: Eucoilinae

Genus: *Aganaspis* Lin, 1987
Aganaspis daci (Weld, 1951)
Recorded from: Etienne 1975
Host information: *Bactrocera dorsalis* (Clausen et al. 1965), *Anastrepha suspensa* (Nuñez-Bueno 1982), *Ceratitis capitata* and *Ceratitis rosa* (Diptera, Tephritidae) (Etienne 1975)

Genus: *Leptopilina* Förster, 1869
Leptopilina freyae Allemand & Nordlander, 2003
Recorded from: Allemand et al. 2003
Host information: *Drosophila* ssp. (Diptera, Drosophilidae) (Allemand et al. 2003)

Leptopilina guineanensis Allemand & Nordlander, 2003
Recorded from: Allemand et al. 2003
Host information: *Drosophila* ssp. (Diptera, Drosophilidae) (Allemand et al. 2003)

Leptopilina orientalis Allemand & Nordlander, 2003
Recorded from: Allemand et al. 2003
Host information: *Drosophila* ssp. (Diptera, Drosophilidae) (Allemand et al. 2003)

Leptopilina victoriae Nordlander, 1980
Recorded from: Allemand et al. 2003
Host information: *Drosophila* ssp. (Diptera, Drosophilidae) (Allemand et al. 2003)

Genus: *Rhoptromeris* Förster, 1869
Rhoptromeris bupalus Quinlan, 1986
Recorded from: Quinlan 1986
Host information: Parasitoid of Chloropidae (Diptera) on grass and fungi (van Noort et al. 2015)

Rhoptromeris crito Quinlan, 1986
Recorded from: Quinlan 1986, Madl and van Achterberg 2014
Host information: Parasitoid of Chloropidae (Diptera) on grass and fungi (van Noort et al. 2015)

Superfamily: CHRYSIDOIDEA
Family: BETHYLIDAE
Subfamily: Bethylinae

Genus: *Goniozus* Förster, 1856
Goniozus indicus (Ashmead, 1903)
Recorded from: Polaszek et al. 1994
Host information: *Maliarpha separatiella* (Lepidoptera, Pyralidae), *Cryptophlebia leucotreta*, *Cryptophlebia peltastica*, *Cryptophlebia semilunana*, *Eccopsis praecedens*, *Strepsicrates rhothia* (Lepidoptera, Olethreutidae) (Azevedo et al. 2010)

Family: CRHYSIDIDAE
Subfamily: Amiseginae

Genus: *Senesega* Kimsey, 2005
Senesega attiei Kimsey, 2005
Recorded from: Kimsey 2005
Host information: Probably parasitoid of Phasmatodea (Kimsey 2005)

Subfamily: Chrysidinae

Genus: Chrysis Linnaeus, 1761
Chrysis gheudei Guérin-Méneville, 1842
Recorded from: Azevedo et al. 2010. The record from Reunion is probably a misidentification of *Chrysis lincea* Fabricius 1775 (Azevedo et al. 2010)
Host information: *Delta reginum* (Hymenoptera, Vespidae, Eumeninae) and *Sceliphron fuscum* (Hymenoptera, Sphecidae) (Azevedo et al. 2010)

Genus: *Praestochrysis* Linsenmaier, 1959
Praestochrysis lusca (Fabricius, 1804)
Recorded from: Bordage 1912
Host information: *Chalybion madecassum*, *Sceliphron fuscum* (Hymenoptera, Sphecidae) (Azevedo et al. 2010)

Family: DRYINIDAE
Subfamily: Anteoninae

Genus: *Anteon* Jurine, 1807
Anteon reunionense Olmi, 1987
Recorded from: Olmi 1987
Host information: Unknown. But Dryinidae (including *Anteon*) are parasitoids of Homoptera auchenorrhyncha and commonly called "Cicada wasps"(Azevedo et al. 2010)

Subfamily: Gonatopodinae

Genus: *Gonatopus* Ljungh, 1810
Gonatopus similis Brues, 1906
Recorded from: Olmi 1987a
Host information: *Dicranotropis muiri*, *Perkinsiella saccharicida* (Hemiptera, Delphacidae) (Azevedo et al. 2010)

Superfamily: PLATYGASTROIDEA
Family: PLATYGASTRIDAE
Subfamily: Platygastrinae

Genus: *Leptacis* Förster, 1856
Leptacis risbeci Masner, 1960
Recorded from: Masner 1960, Madl 2016
Host information: Parasitoids of Cecidomyiidae (Diptera) (Buhl 2011)

Genus: *Synopeas* Förster, 1856
Synopeas pauliani (Risbec, 1957)
Recorded from: Risbec 1957, Masner 1960
Host information: Parasitoids of Cecidomyiidae (Diptera) (Buhl 2011)

Family: SCELIONIDAE
Subfamily: Scelioninae

Genus: Macroteleia Westwood, 1935
Macroteleia insularis (Risbec, 1957)
Recorded from: Risbec 1957
Host information: Unknown

Genus: *Styloteleia* Kieffer, 1916
Styloteleia gibbosa Risbec, 1957
Recorded from: Risbec 1957
Host information: Unknown

Subfamily: Telenominae

Genus: *Telenomus* Haliday, 1833
Telenomus busseolae Gahan, 1922
Recorded from: Rao and Nagaraja 1969
Host information: Parasitizes eggs of *Busseola fusca*, *Sesamia calamistis* and *Sesamia cretica* (Lepidoptera, Pyralidae) (Samin and Asgari 2012)

Superfamily: DIAPRIOIDEA
Family: DIAPRIIDAE
Subfamily: Diapriinae

Genus: *Trichopria* Ashmead, 1893
Trichopria belouvi (Risbec, 1957)
Recorded from: Risbec 1957, Notton 2004, Madl 2015
Host information: Unknown. But *Trichopria* are parasitoids of Tachinidae (Diptera) (Rajmohana 2006) and Tephritidae (Diptera) (Vayssières et al. 2001)

Trichopria inconspicua (Kieffer, 1905)
Recorded from: Huggert 1977, Madl 2015
Host information: Unknown. But *Trichopria* are parasitoids of Tachinidae (Diptera) (Rajmohana 2006) and Tephritidae (Diptera) (Vayssières et al. 2001)

Trichopria jeanneli Notton, 2004
Recorded from: Risbec 1957, Madl 2015
Host information: Unknown. But *Trichopria* are parasitoids of Tachinidae (Diptera) (Rajmohana 2006) and Tephritidae (Diptera) (Vayssières et al. 2001)

Trichopria scotti (Kieffer, 1912)
Recorded from: Risbec 1957
Host information: Unknown. But *Trichopria* are parasitoids of Tachinidae (Diptera) (Rajmohana 2006) and Tephritidae (Diptera) (Vayssières et al. 2001)

Trichopria variabilis (Risbec, 1950)
Recorded from: Risbec 1957, Madl 2015
Host information: Unknown. But *Trichopria* are parasitoids of Tachinidae (Diptera) (Rajmohana 2006) and Tephritidae (Diptera) (Vayssières et al. 2001)

Superfamily: CERAPHRONOIDEA
Family: CERAPHRONIDAE

Genus: *Aphanogmus* Thomson, 1858
Aphanogmus fijiensis (Ferrière, 1933)
Recorded from: Polaszek and LaSalle 1995, Madl 2015
Host information: *Cotesia sesamiae* (Hymenoptera, Braconidae) (Polaszek and LaSalle 1995)

Genus: *Ceraphron* Jurine, 1807
Ceraphron amphimelas Dessart, 1989
Recorded from: Dessart 1989, Madl 2015
Host information: Hemiptera, Diaspididae (Dessart 1989)

Family: MEGASPILIDAE

Subfamily: Megaspilinae
Genus: *Dendrocerus* Ratzeburg, 1852
Dendrocerus wollastoni (Dodd, 1920)
Recorded from: Dessart 1984, Madl 2015
Host information: Neuroptera, Chrysopidae (Dessart 1984). In 2013 *Dendrocerus wollastoni* emerged from a specimen of *Rodolia chermesina* (Coleoptera, Coccinellidae) in Reunion Island (Delvare 2013, unpublished data)

Dendrocerus sp.
Recorded from: Delvare G. unpublished determination (2013)
Host information: Cf. *Dendrocerus wollastoni*.

Superfamily: EVANIOIDEA
Family: EVANIIDAE

Genus: *Evania* Fabricius, 1775
Evania appendigaster (Linnaeus, 1758)
Recorded from: Madl and Ganeshan 2008
Host information: Oviposits within the oothecae of *Periplaneta americana* and possibly that of *Periplaneta australasiae* and *Rhyparobia maderae* (Dictyoptera, Blattidae) (Madl and Ganeshan 2008)

Genus: *Prosevania* Kieffer, 1911
Prosevania erythrosoma (Schletterer, 1886)
Recorded from: Recorded from Rodrigues and Mauritious, but not yet from Reunion Island (Madl and Ganeshan 2008)
Host information: Oviposits within the oothecae of *Blatta orientalis* (Dictyoptera, Blattidae) (Madl and Ganeshan 2008)

Table 3. List of the Cynipoidea, Chrysidoidea, Platygastroidea, Diaprioidea, Ceraphronoidea and Evanioidea recorded from Reunion Island.

Superfamilly	Familly	Subfamilly	Genus / Species	General host information	Recorded from
CYNIPOIDEA	FIGITIDAE	Eucoilinae	*Aganaspis daci* (Weld, 1951)	Tephritidae (Diptera)	Etienne 1975
			Leptopilina freyae Allemand & Nordlander, 2003	*Drosophila* ssp.	Allemand et al. 2003
			Leptopilina guineanensis Allemand & Nordlander, 2003	*Drosophila* ssp.	Allemand et al. 2003
			Leptopilina orientalis Allemand & Nordlander, 2003	*Drosophila* ssp.	Allemand et al. 2003
			Leptopilina victoriae Nordlander, 1980	*Drosophila* ssp.	Allemand et al. 2003
			Rhoptromeris bupalus Quinlan, 1986	Chloropidae (Diptera)	Quinlan 1986
			Rhoptromeris crito Quinlan, 1986	Chloropidae (Diptera)	Quinlan 1986; Madl and Achterberg 2014
CHRYSIDOIDEA	BETHYLIDAE	Bethylinae	*Goniozus indicus* (Ashmead, 1903)	Pyralidae, Olethreutidae (Lepidoptera)	Polaszek et al. 1994
	CHRYSIDIDAE	Amiseginae	*Senesega attiei* (Kimsey, 2005)	Phasmatodea	Kimsey 2005
		Chrysidinae	*Chrysis gheudei* [1] Guérin-Méneville, 1842	Vespidae and Sphecidae (Hymenoptera)	Azevedo et al. 2010

Superfamilly	Familly	Subfamilly	Genus / Species	General host information	Recorded from
CHRYSIDOIDEA	CHRYSIDIDAE	Chrysidinae	*Praestochrysis lusca* (Fabricius, 1804)	*Chalybion madecassum Sceliphron fuscum* (Hymenoptera: Apoidea: Sphecidae)	Bordage 1912
	DRYINIDAE	Anteoninae	*Anteon reunionense* (Olmi, 1987)	Cicadellidae (Hemiptera)	Olmi 1987
		Gonato-podinae	*Gonatopus similis* Brues, 1906	*Dicranotropis muiri, Perkinsiella saccharicida* (Hemiptera: Delphacidae)	Olmi 1987a
PLATYGASTROIDEA	PLATYGASTRIDAE	Platyga-strinae	*Leptacis risbeci* (Masner, 1960)	Cecidomyidae (Diptera)	van Noort 2013
			Synopeas pauliani (Risbec, 1957)	Cecidomyidae (Diptera)	Risbec 1957
	SCELIONIDAE	Scelioninae	*Macroteleia insularis* (Risbec, 1957)	Unknown	Risbec 1957
			Styloteleia gibbosa (Risbec, 1957)	Unknown	Risbec 1957
		Telenominae	*Telenomus busseolae* Gahan, 1922	Pyralidae (Lepidoptera)	Rao and Nagaraja 1969
DIAPRIOIDEA	DIAPRIIDAE	Diapriinae	*Trichopria belouvi* (Risbec, 1957)	Tachinidae, Tephritidae (Diptera)	Risbec 1957; Notton 2004; Madl 2015
			Trichopria inconspicua (Kieffer, 1905)	Tachinidae, Tephritidae (Diptera)	Huggert 1977; Madl 2015
			Trichopria jeanneli Notton, 2004	Tachinidae, Tephritidae (Diptera)	Risbec 1957; Madl 2015
			Trichopria scotti (Kieffer, 1912)	Tachinidae, Tephritidae (Diptera)	Risbec 1957
			Trichopria variabilis (Risbec, 1950)	Tachinidae, Tephritidae (Diptera)	Risbec 1957
CERAPHRONOIDEA	CERAPHONIDAE	-	*Aphanogmus fijensis* (Ferrière, 1933)	*Cotesia sesamiae* (Braconidae)	Polaszek and LaSalle 1995; Madl 2015
			Ceraphron amphimelas (Dessart 1989)	Hemiptera: Diaspididae	Dessart 1984; Madl 2015
	MEGASPILIDAE		*Dendrocerus wollastoni* (Dodd, 1920)	Coccinellidae (Coleoptera)	Delvare unpublished
			Dendrocerus sp.	Coccinellidae (Coleoptera)	Delvare unpublished
EVANIOIDEA	EVANIIDAE	-	*Evania appengaster* (Linnaeus, 1758)	Blattidae (Blattodea)	Madl and Ganeshan 2008
			Prosevania erythrosoma [2] (Schletterer, 1886)	*Blatta orientalis* (Blattodea: Blattidae)	Madl and Ganeshan 2008

[1] Probably a misidentification of *Chrysis lincea* (Azevedo et al. 2010)

[2] Recorded from Rodrigues and Mauritious, not (yet) from Reunion Island

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